



NONPOINT SOURCE SEMIANNUAL PROGRESS REPORT

July 01, 2008 through December 31, 2008

Clean Water Act Section 319[h] (Grant No. C9-969801-01)

Prepared by:

State Water Resources Control Board

and

Regional Water Quality Control Boards

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**STATE WATER BOARD/REGIONAL WATER BOARDS NONPOINT SOURCE (NPS)
IMPLEMENTATION WORKPLAN PROGRESS REPORT SUMMARY FOR
JULY 1, 2008 – DECEMBER 31, 2008**

State Water Resources Control Board Program Summary (NOT UPDATED)

During this reporting period, the State Water Resources Control Board (SWRCB) continued its efforts: (1) targeting funding toward impaired waterbodies; (2) improving the documentation of environmental results; (3) expanding the application of the NPS Enforcement and Implementation Policy in SWRCB and Regional Water Quality Control Board (RWQCB) activities, and (4) expanding monitoring activities through the California Monitoring and Assessment Program (CMAP).

At the beginning of this reporting period, the NPS Program lost an important staff person (Kathleen Groody) who was actively involved in numerous aspects of the program. Kathleen served as one of the NPS Program's agricultural liaisons and coordinated extensively with State's urban stormwater program, in general, and the SWRCB's Stormwater Program, in particular. As such, most of these aspects of the NPS Program were either directed to other staff inside of the NPS Program (e.g.; agricultural measures) or were not completed due to her transfer to the CA Integrated Waste Management Board (primarily urban – stormwater related tasks). A new staff person (Jodi Pontureri) was hired full-time during this reporting period to act as the agricultural liaison for the NPS Program. She transferred from Central Valley Regional Water Quality Control Board (CVRWQCB) where she worked in their irrigated lands regulatory program. Unfortunately, the current CA fiscal crisis continued to raise havoc with our ability to hire competent staff for the NPS Program. Following a series of extensive interviews for a replacement for Kathleen Groody, a hiring freeze was instituted through executive order by Governor Schwarzenegger and all new hires were not allowed after July 31, 2009. During this period, what was once a 1.0 PY position, was reduced to 0.8 PY to allow the NPS Program to support existing individuals involved in the NPS Program. These individuals are Syed Ali (NPS Section Chief – Pesticides) and Gaylon Lee (SWRCB Forestry Program Manager) whose general fund was being cut. Subsequently, in late November/early December the "hiring freeze" was temporarily lifted and an environmental scientist (ES) was hired. Within a week ES hire was admitted into graduate school at Oregon State University and decided to leave the NPS Program within days of starting. The "hiring freeze" was then reinstated and the position has remained vacant.

During this reporting period, NPS staff also managed various contracts with extensive oversight involved in the development of numerous reports for California Monitoring and Assessment Program. The NPS Program has also continued work with Tetra-Tech Consultants on the MP Miner with the goal of making it a comprehensive database of MPs that is easily accessible. Working with USEPA-Region 9, NPS staff also upgraded the NPS Success Story process to include other levels of success in addition to that required for national recognition (e.g.; fully or partially restored, showing improvement or progress). This included the concept of waterbodies maintaining their current water quality status, despite land use changes that could contribute to NPS pollution. During this reporting NPS staff also continued education and outreach efforts through: (1) updating of the NPS Encyclopedia; (2) classes addressing water quality impacts resulting from hydromodification (e.g.; landform grading and soil chemistry as they pertain to erosion problems and green

engineering); and (3) worked with USEPA - Region 9 staff on the NPS Program Coordinator's National Meeting scheduled for February 24 – 26, 2009. Two (2) open CWA 319 Grants (2001 and 2003) were closed with all of the required information except for MBE/WBE requirements submitted to USEPA – Region 9. The NPS Program Annual Report and the 2007 CWA 319 Second Semiannual Annual Progress were also submitted. A total of approximately 50 concept proposals were also reviewed for the NPS Implementation Grant Program with approximately 19 final proposals for the FFY 2009 CWA 319 Grant projects.

North Coast Regional Water Quality Control Board Program Summary

As in the previous reporting period, most of the North Coast Regional Board NPS Program effort were directed toward TMDL implementation in Scott/Shasta (Task 4), complaint response (Task 7), waiver policy renewal (Task 5), grant management (Task 2), and gravel mine permitting (not on workplan). Regional Board management and staff as a whole have determined that total maximum daily load (TMDL) implementation in the Scott and Shasta River watersheds (Task 4) is a very high priority. NPS Program efforts in these watersheds is controversial and challenging for a number of reasons including the general negativity to regulatory oversight (this is the heart of the "State of Jefferson"), the relative lack of environmental regulatory oversight in recent years, and the number of different organizations and entities involved in TMDL implementation. The resources that the NPS Program is attempting to restore are significant and are a critical component of the Klamath River Basin fishery. In order to be successful in implementing these TMDLs, RWQCB-1 staff need to coordinate a number of elements, and present and maintain a regular presence in the watersheds. Accordingly, RWQCB-1 staff has devoted a significant amount of resources to this particular task, through a number of programs, with participants in this effort including technical lead staff, technical support, management, and the Executive Officer. A number of individuals that the RWQCB-1 staff work with in these watersheds have indicated their expectation that having adopted the TMDLs RWQCB-1 presence would "go away," but our efforts have demonstrated that this is not the case. NPS Program management and staff expect that this effort will remain a top priority for the next several fiscal years, and additional resources may be directed towards this effort over future years, if necessary. NPS Regional Board staff also made significant progress in Task 3 (setting the groundwork for and completing an internal review draft of our first general dairy permit).

San Francisco Bay Regional Water Quality Control Board Program Summary

NPS Program tasks were generally on track this period for the San Francisco Regional Water Quality Control Board (RWQCB-2). The NPS coordinator and other staff completed the semi-annual progress report for January through June 2008; attended monthly phone calls, the July NPS Roundtable and the October NPS/TMDL joint Roundtable; and worked with applicants and reviewed concept proposals for 319(h) grants. All but one of the grants were on schedule and milestones met; two grants were successfully completed and funding for future projects leveraged for one of them; two new grants are in process for grant agreements.

Under our Hydromodification Task staff continued work with several advisory committees to review technical documents and make site visits to review implementation projects. Staff also continued to

prepare the technical staff report and guidance materials for a Basin Plan amendment and coordinated our efforts with the State Board on our Stream and Wetland Systems Protection Policy.

Under our TMDL Task we began implementing our new WDR waiver for grazing, worked with an interagency group on a vessel management strategy for Tomales Bay, and focused on sediment management practices in several key watersheds. We also continued to work closely with the California Coastal Commission and a variety of local stakeholders to develop a Watershed Assessment for the Fitzgerald Marine Reserve in San Mateo County and coordinated with efforts in Sonoma Creek Watershed CCA.

Central Coast Regional Water Quality Control Board Program Summary

The Central Coast Water Board NPS program uses funding from 319(h), propositions (13, 40, and 50), supplemental environmental projects, and settlement funds to address a wide variety of nonpoint source issues in the Central Coast Region. Current NPS program efforts include NPS Program Coordination, Project Management (soliciting and managing projects), Agricultural Water Quality/Discharge Control Efforts, and Mixed Land Use Watershed Stakeholder Group Participation / Interagency Coordination. Priority areas targeted for management measure implementation include:

- Agriculture
- Urban (including LID projects)
- Forestry
- Wetlands – Protect and restore wetlands, riparian areas, and other critical habitats.

Complimentary programs managing nonpoint sources of pollution include Stormwater, TMDL, Forestry, and Agriculture waiver.

Los Angeles Regional Water Quality Control Board Program Summary

This reporting period, the Los Angeles Water Board Nonpoint Source Program focused on implementing the Los Angeles Region Conditional Waiver for Irrigated Lands (Order No. R4-2005-0080) and, to a lesser extent, atmospheric deposition control.

During the first half of FY 2008-2009, discharger groups in Los Angeles and Ventura Counties submitted Water Quality Management Plans (WQMPs) to the Regional Board. The discharger groups were required to submit WQMPs because water quality monitoring demonstrated exceedances of the water quality benchmarks established in the Conditional Waiver. Staff reviewed and provided comments on the WQMPs. In addition, staff met with representatives of each group to assist them in incorporating our comments. Both discharger groups have submitted revised WQMPs, which staff expects to approve in early 2009.

Regional Board staff continued outreach efforts to enroll growers under the waiver. Staff followed up with hundreds of phone calls to growers in Los Angeles County who were sent NOV's for failing to enroll in the waiver. As a result, enrollment in the Los Angeles discharger group has increased and staff was able to issue 172 NOV rescissions and update their database based on corrected land use

information provided by property owners. Regional Board staff continues to participate in meetings and workshops to update the agriculture community on the progress and requirements of the Conditional Waiver program.

In addition to 319(h) funding, several of the nonpoint source projects in the region receive state bond measure funding. Due to the Governor's order, several of these projects have been put on hold. Notably, the Proposition 84 Agricultural Water Quality Grant Program for a mobile irrigation laboratory has been put on hold. This may affect implementation of the waiver.

Regional Board staff has continued their investigation into sources of atmospheric deposition of metals to waterbodies in the Region. After granting a one-year extension to several refineries as a settlement to their petition of our 13267 Order, staff received a report on the fate and transport of metals emitted by these refineries on October 9, 2008. Staff reviewed this report and are now comparing the refineries' results with other facilities' results in order to develop load reduction strategies for atmospheric deposition of metals in TMDLs. However, the TMDL unit recently lost the staff lead for the Port of Los Angeles TMDL, which is the TMDL most impacted by atmospheric deposition. This position has not been refilled nor has the TMDL been reassigned to other staff due to resource constraints. Therefore, NPS staff has had less involvement in developing load allocations in general.

There were no 319 grants to manage in this reporting period. However, State Board recently approved a 319 grant to the reduce nutrient and toxicity TMDL loads in the Calleguas Creek and Santa Clara River Watersheds, which staff will oversee in upcoming reporting periods.

Central Valley Regional Water Quality Control Board Program Summary

The Central Valley Regional Water Board continues to use funding from 319(h) to implement TMDLs and to augment efforts to address other high priority water quality issues including protecting the high quality waters of this region and addressing salinity problems throughout the region.

Great strides were made this reporting period to stay on schedule with all tasks. However, the Sulphur Creek Mercury and Sediment Reduction grant is deviating from their original SOW and will most likely experience some time setbacks. Internal program coordination between the three offices has really been a success and is continuing to become a standard operating procedure for projects. Watershed technical assistance has continued to be a major part of our NPS work to restore impaired waters.

All of the tasks in the Environmentally Responsible Management Practices for Tree Crops in the Feather River project were completed on time. For the Clear Lake TMDL, the Monitoring and Implementation Plan and Memorandum of Understanding between responsible parties and non-responsible parties in the region has been finalized. Implementation will now begin to control erosion, thereby reducing mercury and nutrient inputs to Clear Lake.

The coordination of the salinity policy development is now underway. Formation of the Central Valley Salinity Coalition (www.cvsalinity.org) a stakeholder salinity management group is a major

achievement this year. Staff will continue activities to encourage increased stakeholder involvement and conduct collaborative basin planning

In addition, the initial outline of the Wetland Program has been completed, which should increase internal program coordination to share BMP effectiveness. Finally, watershed program assistance and technical assistance has been provided to multiple groups, resulting in improved watershed conditions with expected enhanced habitat and reduction in pollutant loads including sediment, nutrients, pathogens, temperature, salt and pesticides.

Lahontan Regional Water Quality Control Board Program Summary

During the six-month period for July 2008 to December 2008, staff participated in the development of project guidelines and concept proposal selection for the CWA 319 projects. Two existing 319 projects were completed and will be ready to close in the next six-month reporting period. Two projects selected for funding in 2008 were assigned managers and have grant agreements under negotiation. Staff participated in six outreach events focusing on watershed health (water quality, forest stewardship, wetland protection, landscape practices.) Inspections/sampling at a pack station and grazing allotment (both on USFS lands) were completed. Staff trained a group of American and international students in field sampling and laboratory bacteriological methods and met with local ranchers to discuss grazing management practices.

The first season of monitoring under the Bridgeport Valley Grazing Waiver is completed with presentation of data scheduled for March. Staff completed In-house sampling and analysis of fecal coliform and will develop a recommendation to delist three Lake Tahoe Basin waterbodies. All these waterbodies had a grazing land use discontinued as a result of Water Board enforcement action. Staff reviewed and commented on 31 USFS projects and completed site visits/inspections of 22 USFS new or existing projects. Staff held public workshops throughout the Region on proposed revisions to the Timber Waiver. Staff reviewed and commented on two Travel Management Plans developed by two National Forests.

Colorado River Basin Regional Water Quality Control Board Program Summary

Region 7's NPS Program focuses on TMDL implementation in the Salton Sea watershed, our priority watershed. Our 319(h) grant program supports the TMDL implementation efforts. In November 2008, Division of Financial Assistance released its "invite back" list that included ICFB's "Voluntary TMDL Compliance Program" project application (PIN 14839). Additionally, in July 2008, the State Water Resources Control Board selected Imperial Irrigation District's (IID) Prop 50/84 Grant project titled "Precision Drain Cleaning BMP Plan" for \$900,000 in funding. US EPA staff and Regional Board staff met with the Imperial County Farm Bureau on 12/17/08 to provide feedback on the 319(h) Grant Concept Proposal Application, and tour the current Grant Project area with the TMDL on-farm consultant.

Regarding our monitoring status, most sampling locations on the New River, Alamo River, and major agriculture drains are already in compliance with Sediment TMDL Phase 2 numeric targets. Data for

Phase 2 targets of 240 mg/l TSS for the Alamo River, 213 mg/l TSS for the New River, and 282 mg/l TSS for the Imperial Valley Drains, is being assessed by Regional Board staff.

Santa Ana Regional Water Quality Control Board Program Summary

Tasks for the Santa Ana Regional Water Quality Control Board (RWQCB-8) NPS Program staff were generally completed on time. Successful efforts include participation in several events during this period in which NPS information contained in brochures and pamphlets were distributed.

NPS staff is involved in developing and populating a database of likely agricultural operators who will be subject to the proposed Conditional Waiver of waste discharge requirements for Agricultural Discharges (CWAD) program, and evaluating alternate approaches for a waiver monitoring program. The strategy now being considered is a watershed-based approach whereby existing stakeholders, e.g., organizations representing a sector of the agriculture industry (such as Milk Producers Council, Nursery Grower's Association), science-based organizations (such as University of California Cooperative Extension, Southern California Coastal Water Research Project), etc., that have already demonstrated the capacity to conduct monitoring by identifying pollutants associated with irrigated agriculture discharges in the watershed, take on an additional role of monitoring for enrollees in the CWAD.

Regional Board CWAD program staff (the very same staff who implement the NPS program) have been actively involved in coordination with major stakeholders, like WRCAC and SJRWC, to identify major ag. stakeholders, including a grant-based project to classify and compile categories of irrigated and non-irrigated ag. operators in the region that will potentially be enrolled in this program.. Regional Board staff is also coordinating with ag. waiver staff at the State Board and adjacent regions (Regions 4 and 9) to draw on their experience as a tool to expedite the Region 8 ag. waiver.

San Diego Regional Water Quality Control Board Program Summary

During the reporting period, work funded by CWA §319(h) funds in the San Diego Region proceeded in a generally satisfactory manner. SCCAT obtained additional funds to continue maintenance and oversight of the SCCAT website (<http://www.sccat.net>) and database of *Caulerpa* sightings, surveys, and inventories. *Caulerpa* are extremely destructive and invasive non-native seaweeds that pose a significant threat to marine ecosystems, so eradication of existing infestations and prevention of new infestations of *Caulerpa* is critical to protecting and restoring the health of southern California coastal waters. Water quality degradation is a symptom of unhealthy watersheds. Since healthy wetlands and riparian areas are essential to the health of watersheds, protection and restoration of the natural characteristics of wetlands and riparian areas are critical to protection and restoration of the health of watersheds. Preventing / minimizing the loss and degradation of wetlands and riparian areas and their associated functions and beneficial uses and ensuring that appropriate and adequate mitigation is done where such losses occur is an important part of protecting and restoring wetlands and riparian areas. The CWA §401 certification program is critical to accomplishing this.

Financial Status of 2008-09 CWA 319 Grant

Table 1 summarizes all of the personnel and travel expenditures for the CWA 319 Grant funding for the first six (6) months during the 2008-09 state fiscal year (SFY) (July 1 through December 31, 2008). As in the previous years, in order to draw down the "older" CWA 319 Grants, personnel-related funds (e.g.; personnel, benefits, and indirect costs) and/or travel funding available in these "line items" were used during the current SFY. As a result of these efforts, it is anticipated that a considerable amount of the 2008-09 CWA 319 funding (approximately \$1.6 million - see Tables 2 and 5) will be available in the coming years to support additional efforts for projects to achieve NPS implementation and monitoring goals, including support of the CCC (approximately \$425,000 per year). Over the next 18 months, the NPS Program expects to drawdown and/or obligate the excess personnel-related funds through expenditures for current year personnel costs and NPS-related contracts (e.g.; CCC personnel support, NPS tracking and monitoring, consultant services), with the ultimate goal of drawing down at a minimum 99.50% of the total grant award by June 30, 2011.

With respect to the grant projects approved for this year, none of the original eleven (11) projects has been encumbered through the first six (6) months (see Table 3). In fact, one (1) of the project proponents has opted out of their implementation grant and the funding (\$450,000) is being incorporated into the implementation project grant funding for the 2009-10 SFY.

Financial Status of 2004 through 2005 CWA 319 Grants

As presented in Table 4, at the anticipated closing of the 2004 and 2005 CWA 319 Grants approximately \$154,774 will remain and would be returned to USEPA. During the next 18 months these funds will be drawn down to the greatest extent possible with a goal of less than 0.50% of the original grant amount available at closeout.

Table 1: 2008-09 CWA 319 NPS Program Expenditures and Workplan Allotments through December 2008

Organization	Pys	Personnel Expenses Expended (\$)	Op Exp. & "Other" Expended (\$)	Total Direct Expenses (\$) (excluding Travel)	Indirect Expenses Expended (\$)	Total Organization Expended (\$)	Total Workplan Allotment (including SWCAP) (\$)	SWCAP Contribution (\$)	Total Workplan Allotment (\$)	Personnel Allotment Remaining (\$)	Percent Personnel Allotment Expended	Organization Travel Allotment (\$)	Travel Allotment Expended (\$)	Total Travel Allotment Remaining (\$)	Percent Travel Allotment Expended	Total All Rem	
1	4.2	124,144	1,703	125,847	102,114	227,961	540,034	14,045	525,989	298,028	43.34	10,806	4,108	6,698	38.02	30	
2	3.7	143,446	0	143,446	117,495	260,941	473,569	12,317	461,252	200,311	56.57	2,787	17	2,770	0.61	20	
3	2.9	126,768	280	127,048	103,538	230,586	373,870	9,724	364,146	133,560	63.32	6,378	2,330	4,048	36.53	10	
4	2.7	29,212	0	29,212	24,540	53,752	347,284	9,032	338,252	284,500	15.89	2,880	441	2,439	15.31	20	
5	5.1	171,774	74	171,848	140,046	311,894	656,350	17,070	639,280	327,386	48.79	5,352	1,832	3,520	34.23	30	
6	2.6	92,926	10	92,936	76,628	169,564	332,329	8,643	323,686	154,122	52.39	7,074	5,112	1,962	72.26	10	
7	1.8	56,555	11	56,566	48,043	104,609	230,969	6,007	224,962	120,353	46.50	3,327	514	2,813	15.45	10	
8	1.8	62,845	0	62,845	52,745	115,590	232,630	6,050	226,580	110,990	51.02	2,073	0	2,073	0.00	10	
9	1.7	74,458	0	74,458	60,272	134,730	219,337	5,704	213,633	78,903	63.07	839	0	839	0.00	7	
RWQCB Subtotal	26.5	882,128	2,078	884,206	725,421	1,609,627	3,406,372	88,592	3,317,780	1,708,153	48.52	41,516	14,354	27,162	34.57	1,700	
DWQ ¹	6.0	163,351	129	163,480	134,454	297,934	772,134	20,081	752,053	454,119	39.62	8,717	2,262	6,455	25.95	40	
DFA	3.4	125,470	0	125,470	97,219	222,689	444,671	11,374	433,297	210,608	51.39	2,667	0	2,667	0.00	20	
SWRCB Subtotal	9.4	288,821	129	288,950	231,673	520,623	1,216,805	31,455	1,185,350	664,727	43.92	11,384	2,262	9,122	19.87	60	
NPS Program Total	35.9	1,170,949	2,207	1,173,156	957,094	2,130,250	4,623,177	120,047	4,503,130	2,372,880	47.31	52,900	16,616	36,284	31.41	2,400	
TMDL	12.1	0	0	0	762,280	762,280	1,565,269	40,709	1,524,560	762,280	50.00	0	0	0	0.00	70	
GRANT TOTALS	48.0	1,170,949	2,207	1,173,156	1,719,374	2,892,530	6,188,446	160,756	6,027,690	3,135,160	47.99	52,900	16,616	36,284	31.41	3,100	

Table 2: Financial Summary of All CWA 319 Grants Open Between July 01, 2008 and December 31, 2008

Category	Summary of Line Item Amounts Through December 31, 2008					
	2004 Grant (Closes June 30, 2009)			2005 Grant (Closes June 30, 2010)		
	Allocated (\$)	Expended (\$)	Balance (\$)	Allocated (\$)	Expended (\$)	Balance (\$)
Personnel	2,428,800	2,210,323	218,477	2,473,801	2,314,094	159,707
Benefits	728,640	750,560	(21,920)	742,140	752,827	(10,687)
Contracts	6,400,000	6,399,586	414	5,431,299	5,319,475	111,824
Equipment	0	0	0	0	0	0
Other (1)	295,000	295,000	0	678,035	678,035	0
Supplies	0	0	0	0	0	0
Travel	78,000	39,513	38,487	71,800	56,458	15,342
Indirect	2,795,281	2,962,540	(167,259)	2,847,073	3,036,684	(189,611)
Pending Contract Encumbrances	0	0	0	0	0	0
TOTALS	12,725,721	12,657,522	68,199	12,244,148	12,157,573	86,575

Category	Summary of Line Item Amounts Through December 31, 2008								
	2006 Grant (Closes June 30, 2011)			2007 Grant (Closes June 30, 2012)			2008 Grant (Closes June 30, 2013)		
	Allocated (\$)	Expended (\$)	Balance (\$)	Allocated (\$)	Expended (\$)	Balance (\$)	Allocated (\$)	Expended (\$)	Balance (\$)
Personnel	2,427,072	2,386,756	40,316	2,349,833	2,123,605	226,228	2,282,440	927,019	1,355,421
Benefits	810,642	800,424	10,218	784,844	721,525	63,319	812,549	310,873	501,676
Contracts	4,137,410	0	4,137,410	4,056,610	2,593,847	1,462,763	4,564,444	0	4,564,444
Equipment	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0
Supplies	0	0	0	0	0	0	0	0	0
Travel	52,900	52,666	234	62,900	52,111	10,789	52,900	15,922	36,978
Indirect	3,115,976	3,087,287	28,689	3,016,813	2,772,069	244,744	3,086,323	1,052,364	2,033,959
Pending Contract Encumbrances		4,137,410	(4,137,410)		1,462,763	(1,462,763)	0	4,564,444	(4,564,444)
TOTALS	10,544,000	10,464,543	79,457	10,271,000	9,725,920	545,080	10,798,656	6,870,622	3,928,034

Note: (1) In kind services returned to USEPA.

Table 3: 2007-08 CWA 319 Grant Actual Expenditures for Project Grants Through December 31, 2008

No.	Regional Board	Project Grant Title	Project Grant No.	Contractor	2005 Grant (\$)	2007 Grant (\$)	2008 Grant (\$)	Total Project Amount (\$)	2008-09 Expenditure: (\$)	
1	1	Mattole Water Quality Enhancement Project	08-603-551	Mattole Restoration Council	948.00	253,701.00	735,351.00	990,000.00	0.00	
2	1	South Fork Trinity River Watershed Restoration	08-608-551	Trinity County Resource Conservation District		108,000.00	342,000.00	450,000.00	0.00	
3	1	S.F. Elk River Erosion Prevention Project, Headwaters Forest Reserve, Humboldt Co., California	TBD	Pacific Coast Fish and Wildlife and Wetlands Restoration Association		116,407.00	368,622.00	485,029.00	0.00	
4	2	Napa River Rutherford Reach Restoration: Phase II Implementation	TBD	County of Napa		171,600.00	543,400.00	715,000.00	0.00	
5	2	Lagunitas Creek Water Quality and Habitat Improvement Project	TBD	Marin Municipal Water District		128,216.00	406,019.00	534,235.00	0.00	
6	4	Reduce TMDL Loads in the Calleguas Creek/Santa Clara River Watersheds	TBD	Univ. of California, Cooperative Extension		281,520.00	441,480.00	723,000.00	0.00	
7	5	Sulphur Creek Mercury/Sediment Reduction	N/A	Colusa County RCD			450,000.00	450,000.00	0.00	
8	6	Lake Tahoe BMP Implementation and Effectiveness	TBD	Tahoe Regional Planning Agency		184,917.00	585,572.00	770,489.00	0.00	
9	6	Homewood Watershed Improvement /TMDL Implementation Pilot Study	08-607-556	Tahoe Resource Conservation District		156,000.00	494,000.00	650,000.00	0.00	
10	8	Newport Bay Copper Reduction Project	08-610-558	Orange County Coastkeeper		62,400.00	198,000.00	260,400.00	0.00	
			TOTAL: 2008-09 Awarded Projects:		948.00	1,462,761.00	4,564,444.00	6,028,153.00	0.00	
	5	Project Withdrew - Sulphur Creek Mercury and Sediment Reduction	N/A	Colusa County Resource Conservation District			(450,000.00)	(450,000.00)		
TOTALS After Withdrawn Project					948.00	1,462,761.00	4,114,444.00	5,578,153.00		
Amount of 2008 Contract Allotment to Roll Over for a 2009-10 Project:							450,000.00			
TOTAL 2008 Grant Contract Allotment							4,564,444.00			

Table 4: Summary of 2008-13 CWA 319 Grant Expenditure Budget and Funding Drawdown Through December 31, 2009¹

State Fiscal Year (SFY)	Budgeted (\$) (SWRCB-DWQ)				Actual 2008-09 (\$) / <i>Estimated 2008-2013</i>				Remaining at End of SFY(\$)			
	Personnel	Projects	SWCAP	Total	Personnel	Projects	SWCAP	Total	Personnel	Projects	SWCAP	Tot
2008-09	6,073,449	0	160,763	6,234,212	<i>4,580,512</i>	<i>0</i>	160,763	<i>4,741,275</i>	1,492,937	4,564,444	0	6,057
2009-10	0	925,506	0	925,506	<i>746,469</i>	<i>925,506</i>	0	<i>1,671,975</i>	<i>746,468</i>	<i>3,638,938</i>	0	<i>4,385</i>
2010-11	0	1,521,481	0	1,521,481	<i>746,468</i>	<i>1,521,481</i>	0	<i>2,267,949</i>	0	<i>2,117,457</i>	0	<i>2,117</i>
2011-12	0	1,521,481	0	1,521,481	0	<i>1,521,481</i>	0	<i>1,521,481</i>	0	<i>595,976</i>	0	<i>595,</i>
2012-13	0	595,976	0	595,976	0	<i>595,976</i>	0	<i>595,976</i>	0	0	0	0
Total	6,073,449	4,564,444	160,763	10,798,656	<i>6,073,449</i>	<i>4,564,444</i>	160,763	<i>10,798,656</i>	NA	NA	NA	<i>N,</i>

Note: 1. Amounts (\$) in normal font were budgeted or calculated by SWRCB Division of Administrative Services and *italicized* amounts are calculated or estimated by SWRCB-DWQ.

Table 5: Summary of Proposed Distribution of Excess and Rolled-Over CWA 319 Funds (1)

Year	2004 Grant (Expires June 30, 2009)			2005 Grant (Expires June 30, 2010)			2006 Grant (Expires June 30, 2011)		
	Personnel	Contracts	Total	Personnel	Contracts	Total	Personnel	Contracts	To
2008-09	68,199	0	68,199	0	0	0	0	0	(
2009-10	0	0	0	0	86,575	86,575	0	0	(
2010-11	0	0	0	0	0	0	79,457	0	79,4
2011-12	0	0	0	0	0	0	0	0	(
2012-13	0	0	0	0	0	0	0	0	(
Total	68,199	0	68,199	0	86,575	86,575	79,457	0	79,4

Year	2007 Grant (Expires June 30, 2012)			2008 Grant (Expires June 30, 2013) (2)			Total		
	Personnel	Contracts	Total	Personnel	Contracts	Total	Personnel	Contracts	To
2008-09	0	0	0	0	0	0	68,199	0	68,1
2009-10	0	0	0	0	0	0	0	86,575	86,1
2010-11	0	0	0	0	0	0	79,457	0	79,4
2011-12	545,080	0	545,080	0	0	0	545,080	0	545,
2012-13	0	0	0	1,602,000	0	1,602,000	1,602,000	0	1,602
Total	545,080	0	545,080	1,602,000	0	1,602,000	2,294,736	86,575	2,381

Notes: (1) Amounts available are placed in the last year they are available.
(2) Anticipated amount based on first six (6) months projection.

<u>North Coast Regional Water Quality Control Board</u>		
<u>Nonpoint Source (NPS) Implementation Workplan</u>		
July 1, 2008 – December 31, 2008		
RWQCB-319-08/09-Workplan Tasks	PYs	Cost
Task 1: NPS Program Coordination	0.30	49,849
Task 2: 319 Project Management	1.05	174,473
Task 3: NPS Implementation - Dairies	0.50	83,083
Task 4: NPS Implementation – Shasta and Scott River Watersheds	0.75	124,623
Task 5: NPS Implementation – Regionwide Waiver for Various Activities	0.19	31,571
Task 6: NPS Implementation – Pre-Permitting Groundwork	0.23	38,218
Task 7: NPS Implementation – Miscellaneous NPS Activities	0.23	38,218
TOTAL	3.25	540,034
CWA 319(h) Allocation		
\$540,034	14,045	\$525,989
Average cost per PY		\$161,842
<u>Outcome:</u>		
In Fiscal Year 2008/09, we propose to continue the path we started during Fiscal Year 2007/08, with the goal of, over the next few fiscal years, methodically developing permitting mechanisms that require non point source dischargers throughout the region to prepare and implement pollution control plans for their individual properties and activities with the ultimate outcome of controlling controllable sources of non point source pollution throughout the region and ensuring that water quality impairments caused by non point source pollution are eliminated and that unimpaired waters do not become impaired by non point source pollution.		
<u>FFY 08 Objective:</u>		
Over FFY 07, various factors contributed to some differences in the NPS accomplishments versus those projected on some of the tasks in the FY 07/08 workplan. Our tasks for this year remain the same as those listed for last year, but with modifications based on FY 07/08 accomplishments, decisions, etc. Explanations accompany modifications throughout this workplan.		
Our FFY 08 Objectives include continuing to implement our Non Point Source Policy compliance priority list, issuing WDRs for County road maintenance activities, development of a general dairy permit, continuing to implement the Scott and Shasta TMDLs, and providing one or more updates to the Regional Water Board as to our progress in implementing Non Point Source tasks.		

Staff	Classification	Task 1	Task 2	Task 3	Task 4	Task 5	Task 6	Task 7	Total PYs
Michele Fortner	ES	0.2			0.4	0.1	0.1	0.2	1
Janet Blake	ES		0.3						0.3
Scott Gergus	EG		0.2	0.55			0.1		0.85
Kathleen Daly	AGPA		0.4	0.1		0.1			0.6
Andrew Baker	EG		0.1		0.4				0.5
Jonathan Warmerdam	ES		0.1				0.1	0.05	0.25
Adona White	WRCE		0.1						0.1
Bernadette Reed	ES		0.1						0.1
Mark Neely	Sr. EG.	0.1			0.2			0.05	0.35
Administrative Support	OT	0.1				0.05			0.15
Total PY per Task		0.4	1.3	0.65	1.0	0.25	0.3	0.3	4.2

Task 1: NPS Program Coordination

Description: To improve the overall NPS program, this task organizes the program infrastructure based on the updated NPS Program Plan and focuses information exchange among the Regional and State Boards and other State agencies.

Outcome: To build a cohesive statewide program by focusing on baseline 319(h) workplan activities.

FY06 Objectives: The purposes of NPS Program Coordination are to build a cohesive statewide program and to highlight near term successes.

Subtask	Descriptions	Milestones	Schedule
a. Evaluate Program Success	<ol style="list-style-type: none"> 1. Develop Draft Annual CWA 319 Workplan for 2009-10. 2. Develop Final Annual CWA 319 Workplan for 2009-10. 3. Develop semi-annual (end-of-year) progress report on FY 2007-08 CWA 319 activities and semi-annual (mid-year) progress report on FY 2008-09 CWA 319 activities. Track progress on workplan commitments and deliverables. 4. Develop a RWQCB Success Story consistent with the requirements for the six (6) success story categories specified in USEPA/CA Guidance. 	<ol style="list-style-type: none"> 1. Draft CWA 319 Workplan for FY 09-10 (See Deliverable 1.01). 2. Final CWA 319 Workplan for FY 09-10 (See Deliverable 1.02). 3. Final Semi-annual Progress Reports (see Deliverables 1.03 and 1.04) 4. Completed checklist of any of the six (6) Success Story categories (see Deliverable 1.05) 1.5. Written Success Story based on completed checklist (see Deliverable 1.06) 	<ol style="list-style-type: none"> 1.02/13/09 2.04/24//09 3.07/18/08, 01/16/09 4.08/15/08 5.12/15/08
b. Information Exchange/Outreach	<ol style="list-style-type: none"> 1. Attend/participate in quarterly NPS Roundtables (RT) and monthly phone calls to keep updated on statewide policies and programs and to coordinate regional and statewide strategies to reduce NPS pollution. 2. Present Success Story at RT. 3. Interagency Coordinating Committee (IACC) and subcommittee participation – periodic attendance (by telephone) at Marinas & Boating and Wetlands subcommittee meetings. 	<ol style="list-style-type: none"> a. Actively participate in one (1) monthly phone call and one quarterly RT by sharing regional success, problem, or activity. a. Success story presentation Attend at least 2 subcommittee meetings 	<ol style="list-style-type: none"> 1. Ongoing TBD 2. As needed
c. Contract/Grant Proposal Development and Review	<ol style="list-style-type: none"> 1. <u>Participate in development of Request for Proposal (RFP) documents for SWRCB consolidated grants program</u> 2. <u>Coordinate with potential project proponents in developing CWA 319 project proposals</u> 3. <u>Participate in grant review process to ensure that contracts awarded to projects within the region reflect regional</u> 	<ol style="list-style-type: none"> 1. TBD 2. TBD 3. TBD 	<ol style="list-style-type: none"> Ongoing

	<u>priorities.</u>		
d. Critical Coastal Areas	1. Periodically attend Critical Coastal Committee meetings (via telephone) and provide deliverables as assigned by the CCA committee. 2. Attend all North Coast CCA subcommittee meetings and group activities related to pilot CCA. <u>3. Provide deliverables as assigned by the North Coast CCA subcommittee chair.</u>	As assigned; most past tasks have involved supplying information to complete information sheets or other documents	Ongoing
e. Nine (9) Watershed Elements Review	<u>During grant application reviews, review and confirm that the nine (9) elements of a watershed plan listed as part of the grant application are accurate and complete, and create a record (e-mail) of this review for the RB, SB and EPA grant files.</u>	One e-mail per nine (9) element review verifying record to SB and EPA (Deliverable 1.07).	Feb – April, 2009
f. Measure W Activities	<u>Indicate how Region is working towards attaining, and documenting attainment of the US EPA Strategic Plan Water Quality/Watershed Sub-Objective Restoration and Improvement Strategic Measures (Measure W) for those high priority watersheds in Region 1. (e.g.: French Creek, Terwar Creek, Garcia River, Shasta River)</u>	Summary of Measure W attainment (See Deliverable 1.08)	06/30/09
Deliverables:			Due Date:
1.01 Draft 2009-10 CWA 319 Workplan (Subtask 1.a1) 1.02 Final 2009-10 CWA 319 Workplan (Subtask 1.a1) 1.03 CWA 319 semi-annual progress report (Jan-Jun 2008) (Subtask 1.a3) 1.04 CWA 319 semi-annual progress report (Jul-Dec 2008) (Subtask 1.a3) 1.05 Completed Success Story checklist (Subtask 1.a4) 1.06 Completed Success Story (Subtask 1.a.4) 1.07 Email results of the Nine Element review (Subtask 1.e) 1.08 Summary of Measure W attainment (Subtask 1.f)			1) 03/02/09 2) 04/24/09 3) 07/18/08 4) 2/13//09 5) 08/15/08 6) 12/15/08 7) 05/01/09 8) 06/30/09
Budget in PYs:			
0.4			

Task 2: 319 Project Management

Description: For existing projects, staff reviews invoices, progress reports, project products and conducts project inspections in the field. Staff coordinates responses to federal Grants and Tracking and Reporting System requirements (GRTS) by supplying load reduction data from projects, electronic copies of agreements and amendments, and final project reports. For new projects, staff reviews draft Scopes of Work and Budgets. For all projects, staff maintains audit-ready project files.

Outcome: All projects kept on time and in compliance with their contracts so as to effectively address or control the water quality problems which they are intended to address.

FY06 Objectives: Manage the listed contracts, ensure that work products expected for this year are completed on schedule and in compliance with their contracts.

List of Contracts/Products with Schedule:-

Contract Number Project Name	Lead Entity	Contract Amount	Project Description	Watershed Code	Contract Manager	Milestones/Products/Outcomes 7/08 to 6/09	Contract Schedule	
							Start Date	End Date
04-058--551-0 Eel River Sediment Reduction Phase III	Humboldt Co RCD	\$500,000	This project will implement measures to reduce sediment through culvert upgrades, culvert replacement/removal and armored rolling and critical dip installations and other treatments to reduce runoff, diversion potential, and gullyng.	HUC 18010105, 18010106	Kathleen Daly	An amendment was requested in March 07 which will provide for additional staffing. In FY 07-08 the grantee is expected to: Additional list of selected projects. Site –specific workplans and landowner agreements. Implementation on landowner projects will resume 7/07. Evaluate Project effectiveness through photo documentation. We received the final report in December 2007. Per the final report, the contractor completed 18 individual projects within the Van Duzen and South Fork Eel River watersheds, and reported a total of 6611 and 8388 cubic yards of sediment “saved” in the South Fork Eel and Van Duzen watersheds, respectively. Received & approved final invoice during this report period. Project completed.	11/1/04	12/31/07

04-217-551-0 Mattole River and Range Partnership Implementation Phase	Mattole Restoration Council	\$500,000	This project will implement measures to reduce sediment through culvert upgrades, culvert replacement/removal and armored rolling dip and critical dip installations and other treatments to reduce runoff, diversion potential, and gulying. The project will include planting 90,000 Mattole Douglas fir trees and 5,000 seedlings. Monitoring will provide important feedback for future restoration work and help identify sites that need further maintenance.	Mattole River. HUC 18010107	Kathleen Daly	Received the final report and invoice during this reporting period. Grantee requested a budget amendment for minor line item changes. The goals of the project were to reduce sediment delivery to Class I watercourses over 28 square miles of the Mattole River basin through upslope and streambank watershed restoration treatments and to reduce summertime water temperatures through riparian planting. The project goal was to treat 52,805 yards of sediment at 199 worksites through a variety of road and streambank stabilization techniques. During the course of project implementation, the estimate was revised upwards to reflect changed conditions at worksites, and to reflect larger sediment savings generated by revised prescriptions. An estimated 62,870 yards of sediment at 199 sites were stabilized within this contract. The project goal was to plant 90,000 tree seedlings in priority riparian habitats throughout the Mattole River watershed, along approximately 9.4 miles of riparian habitat. Once completed, 68,020 trees were planted along 35.03 miles of riparian Project monitoring included photo documentation, qualitative evaluation checklists, and stream channel monitoring. Watershed outreach was conducted through on-site visits with landowners, the publication and distribution of the Mattole Restoration Newsletter,	04/01/2005	12/31/2008
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						correspondence, community meetings, field workshops, and ecological education within all local public schools. Project completed.		
04-219-551-0 Van Duzen Watershed Ranch Road Sediment Reduction Project - Phase 1	Yager/Van Duzen Environmental Stewards	\$500,000	This project will implement measures to reduce discharges of sediment from road related sources. A total of 20 to 30 sites will be treated.	HUC 18010106	Janet Blake	Photo documentation and daily logs of last season's work along with monthly progress reports will be submitted. A second season of treatment sites will be selected based on established criteria, and site-specific plans will be developed. Road work will commence in May or June 2007. Sediment source treatments will be implemented for a sediment savings of approximately 20,000 cubic yards. The contractor reported successful completion of work to "save" 5910 cubic yards of sediment over the 2006 construction season. Staff confirmed that the work performed was adequate and that it addressed actual or threatened adverse impacts to receiving waters. Next steps: Staff will be meeting soon with the contractor to review 2007 season proposed work. Obstacles: the contractor has identified difficulty in determining which projects should be funded each year; staff have provided input on selection criteria to ensure that water quality is the primary focus. During the winter the grantee wrote reports and planned for the next season of work by reviewing the work sites and finalizing the treatments for each site. Photo	7/1/200 5	12/31/20 08

						<p>documentation was submitted for the 2007 work season indicating successful implementation. Sediment "saved" in 2007 was 7,026 cubic yards, with 6,225 feet of road treated. and 720 feet of stream bank was protected. Work continues on some sites and will be completed prior to the fall. No obstacles at this time.</p> <p>Next Steps: The grantee will complete site treatments and generate all the pertinent reports and documentation in order to finalize the project.</p>		
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05-060-551-0 Mattole River Good Roads, Clear Creeks Program, Upper Mattole Phase, November 2004 (PIN 2100)	Mattole Restoration Council	\$990,876	This project will implement TMDL work on the Upper Mattole Watershed. The project will be stabilizing approximately 76,100 cubic yards of sediment through road decommissioning/storm proofing and bioengineering.	HUC 18010107	Janet Blake	The QAPP, has been completed. Sediment reduction through road decommissioning and storm-proofing is 46% complete. Plans are being made to select sediment work sites for the 2007 implementation season. Riparian canopy restoration is 47% complete. So far, over 71,000 Douglas Fir and 4,935 redwood seedling have been planted. Photo monitoring continues. Education and outreach is on-going with two open resource centers and five class room visits and one field trip. GIS work included maps for sediment inventory and mapping of over 100 sediment source sites. Future work includes sediment control work, education and outreach to the public and in schools, photo monitoring and riparian planting. Contractor is on schedule, has successfully completed a season of work, and is showing improvements in administrative aspects of grant management (i.e., improved quality of invoices, etc.). No obstacles at this time. The grantee and staff inspected the work done in the 2007 season and it proved to be satisfactory. About 800 trees were planted in riparian areas. Photo documentation was conducted. Work continues on education/outreach, newsletter, website development and brochures. GIS continues to be built and maps generated. The grant agreement is being amended to extend the time frame of the project	1/15/20 06	12/31/20 08
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						to June 2009, to change the budget, and procedures for gathering turbidity data. Obstacles: The grantee is delinquent in submitting progress report and invoices for April, May and June 2008. Next Steps: Continue to treat work sites and conduct photo documentation. for work being done this season.		
05-063-551-0 Garcia River Bank Stabilization, Riparian Revegetation & Fish Habitat Enhancement Project (PIN 2072)	Bioengineering Institute	\$55,257	This project implements Region One's priority TMDL Implementation Plan for the Garcia River. The project will conduct bank stabilization and Riparian River Revegetation and Fish Enhancement.	HUC 18010108	Kathleen Daly	<p>The grantee has planted 1000 alders and 500 willow sprigs in Spring 2006. Irrigation system also installed. The first summer season of growth is substantial and the plants are becoming well established..</p> <p>The contractor completed all work in 2007, has provided a progress report, and submitted their final report during this reporting period. Plantings have survived some very high water events; this project may be the subject of a future success story.</p> <p>During this reporting period, the grantee returned to the project site for photo documentation for final report. Also requesting a budget change to the line item budget. Received and approved final invoice during this reporting period. Project completed.</p>	10/15/2005	12/31/2008

05-187-551-0 Upper Redwood Creek Watershed Improvement Project 2	Pacific Coast Fish, Wildlife, & Wetlands Restoration Association	\$245,325	This project is intended to implement measures to reduce loadings of sediment from road related sources. 700 miles of road were previously assessed and inventoried. Projects with the highest resource benefit will be treated through road decommissioning, crossroad drains, inplace outslowing and replacing culverts.	HUC 18010102	Kathleen Daly	In July 2008, heavy equipment was re-mobilized to Coyote Creek. The equipment operators had conducted the implementation work in 2007 and were familiar with the terrain and conditions of the project. During this reporting period all of the remaining "construction" funds were utilized. Grantee requested line item changes to budget. Equals about a 2 percent adjustment. This project is nearing its end, as the implementation work has been completed and most of the money has been spent. The grantee will continue with photo documentation and completion of the final report.	11/1/20 05	12/31/20 08
06-247-551-0 Trinity County Watershed TMDL Implementatio n Project	Trinity County Resource Conservation District	\$675,000	This project is an ongoing effort to meet TMDL indicator targets through implementing road-related sediment reduction projects.	HUC 18010211	Janet Blake	In FY 07-08 the grantee is expected to: Have completed a QAPP, PAEP, and monitoring plan. Final CEQA documentation Landowner access agreements. Develop a workplan and site-specific designs.. Inventory prioritized work sites. Begin project implementation Quarterly newsletters Monitoring reports Work is on schedule; contractor is presently planning next season's work, which staff will review with the contractor in the field. Staff have encountered no obstacles on this project.	12/15/0 6	12/31/10

06-248-551-0 Little Larabee Watershed Sediment	Eel River Watershed Improvement Group	\$773, 776	This project is an implementation project to treat already inventoried road-related sediment sources in the Little Larabee Creek watershed of the Van Duzen River. The project also involves verification of treatment prescriptions, landowner outreach and education.	HUC 18010105	Adona White	<p>The first half of FY 08/09 constituted the second construction season for the project. During this period, 78 controllable sediment discharge sites were treated to prevent 8,907 yd3 from entering Little Larabee Creek and it's tributaries. In addition to the site treatments done during the FY 07/08 construction season, a total of 193 controllable sediment discharge sites have been treated, preventing 21,556 yd3 from delivery to Little Larabee Creek.</p> <p>Additionally, the grantee continued outreach and education efforts with landowners, resulting in signed landowner access and site maintenance agreements. The grantee continued to facilitate the Little Larabee Creek Road Maintenance Association (the Road Association), helping them to establish guidelines, prioritize winter maintenance efforts, and secure landowner's financial contributions for maintenance work.</p> <p>The grantee has successfully completed nearly all of their deliverables. Ongoing tasks include: pre/post construction photo-point monitoring and tree planting. The remaining 13% of controllable sediment discharge sites will be treated this summer, as well as the remaining 1% of road logs, and the remaining 4% on the GIS database.</p>	3/2/07	12/31/10
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06-249-551-0 Shasta Water Association Dam Demobilization and Water Quality Enhancement project	Shasta Valley RCD	\$635, 000	The project is designed to reduce stream temperatures and increase dissolved oxygen levels as required in the Shasta River TMDL. This includes replacement of a diversion structure that will impound much less water and allow for fish passage, and install various on-farm improvements that will help maximize water use efficiency	HUC 18010107	Andy Baker	<p>The RCD finally received all required landowner permissions and easements in order to proceed with construction activities. There was a great deal of difficulty in obtaining easements. Fortunately the RCD expected this and the grant allocated funds for this purpose.</p> <p>Design work has been completed and contracts awarded.</p> <p>The Shasta Water Association Dam removal project was completed during fall 2008.</p> <p>Associated pipeline project began fall of 2008 but was halted due to freeze on matching state bond grants December 2008. The pipeline project is currently in limbo.</p> <p>Extensive outreach and education has begun including regular updates to the RCD Board, Shasta Water Association, funding agencies and landowners. RCD conducted several presentations to several groups in Siskiyou County. RCD is also developing a web page for the project.</p>	01-25-07	11-31-09
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07-544-551-0 Scott River Road Sediment Source Reduction: Lower Scott	USDA Forest Service	\$251,250	This project experienced delays in execution due to the shifting of the grants from the Integrated Watershed Management Program to 319(h) funds; and due to the staff at the Klamath National Forest being heavily involved in critical forest fire fighting efforts. Therefore, the completion dates have been extended by one year. It involved road drainage upgrades and, in some cases, reconstruction followed by two winters of project monitoring.	HUC 18010208	Scott Gergus	The Grantee has to performed: Develop inventory protocols Train crews in inventory protocols Inventory forest roads The grantee is expected to perform: Project map and GIS database Project assessment and engineering design Conceptual design and cost estimate	7/1/08	12/31/12
07-502-551-0	Mendocino Resource Conservation District	\$946,075	For the purpose of controlling road sediment erosion, increasing riparian vegetation, and improving anadromous habitat in the Navarro Watershed as recommended in the Navarro Watershed Restoration Plan developed in 1998. Upgrading road drainage features on approximately 18-23 miles of road and 1 fish barrier.	Navarro River	Bernadette Reed	7/1/08-12/31/08 The Grantee performed the following: 1.) Stream Reach for Project site and monitoring locations 80% complete. 2.) PAEP 80 % complete. 3.) Monitoring Plan 50% complete. 4.) CEQA & Permit Documentation 70% complete. 5.) Landowner agreements 100% complete. 6.) Permits 70% complete. 7.) Navarro Watershed Work Group Rooster 30% complete. Meetings 15% complete. Members participated in two pre-project meetings, and site reviews with DFG for coordinated permitting. 8.) Draft Stream bank design 60% complete. 9.) Road and Fish Passage Barrier Removal Implementation 35% complete. 10.) 3 site visit tours completed. 11.) Ongoing pre and post photo documentation. (Denmark Creek	5/1/08-	12/31/11

						Site Project, Yorkville Ranch and Hallomas project sites). 12.) Stream bank Restoration 20% completed. 13.) All invoicing and reports are current. 14.) Sediment load reduction 1,289.40 unit tons.		
07-500-551-0 Salmon River Road Restoration Phase 3 – North Fork	USDA Forest Service	\$315,000	To reduce sediment production and minimize the risk of road failures on 1.8 miles of road that can lead to pool filling and riparian shade loss in the Little North Fork Salmon River. This project experienced delays in execution due to the shifting of the grants from the Integrated Watershed Management Program to 319(h) funds; and due to the staff at the Klamath National Forest being heavily involved in critical forest fire fighting efforts. Therefore, the completion dates have been extended by one year. It involved road drainage upgrades and, in some cases, reconstruction followed by two winters of project monitoring.	Salmon River	Scott Gergus	<i>The Grantee has performed:</i> 1. Reconnaissance level survey, <i>The Grantee is expected to perform</i> 2. Conceptual design and cost estimates, 3. Engineering survey; 4. Plan development, specifications, and cost estimates for project sites; 5. Submittal of plans to the Grant Manager for review and comment, 6. Monitoring of the work performed, 7. Quarterly invoicing and reporting.		

Budget in PYs: 1.3

Task 3: NPS Implementation – Dairies

Description: Conduct outreach, education, and regulatory activities to dairies and associated activities within the North Coast Region. Begin developing regionwide General Waste Discharge Requirements and Waiver to General Waste Discharge Requirements.

Staff efforts over the course of FY 07/08 have included a significant amount of field assessment as we oversee dairy-related grants in Humboldt and Sonoma counties, and it is clear that hydrologic, geologic, and other factors are significantly different between the two major dairy areas in Region 1 (Ferndale Plains in Humboldt County and the

Laguna and coastal tributaries of Sonoma County), potentially warranting separate general permits for these two areas. The grant-related field work has also provided staff with an opportunity to identify stakeholders, and discuss with them NPS program requirements, water quality issues, and pending permit development. In addition, policy development activities in our office (sediment amendment, sediment workplan, wetland and riparian protection policy, and TMDL for Laguna de Santa Rosa) have encouraged stakeholders throughout the Region, but particularly in the Sonoma County area to approach our staff with proposals to use, and perhaps combine various ongoing stakeholder efforts to control pollution, and to collectively address and comply with the policies and requirements for controlling non point source pollutant discharges and restoring impaired water bodies. Given these developments, as of March 2008, the NPS lead for this Region has directed NPS staff to identify and review any available ground water data for areas with dairies in this Region; identify any gaps and/or ground water monitoring needs; further investigate ongoing and proposed comprehensive nutrient control strategies for the Laguna de Santa Rosa; attend NRCS-sponsored Nutrient Management Plan development training, and to return to management with a proposal for regulating dairies, a timeline for permit development, and at a minimum, a timeline with milestones for developing a general permit for dairies within the Laguna de Santa Rosa in FY 08/09.

Outcome: Prevent and minimize existing and potential discharges of sediment, nutrient, temperature, and other pollutants to receiving waters in the North Coast region.

FY08 Objectives: Conduct outreach activities to dairy owners, resource conservation districts, natural resource conservation services, Farm Bureau, Regional Water Boards, and interested parties. Implement permit development strategy developed in FY 07/08, including, at a minimum, development of a general permit for Board consideration for dairies in the Laguna de Santa Rosa.

Subtask	Descriptions with Outcome	Milestones	Schedule
Outreach	<p>1) Participate in meetings with Western United Dairymen meetings; attend 2 Humboldt and Sonoma Counties University of California Cooperative Extension meetings in Sonoma and Humboldt Counties, attend 1 meeting with Humboldt County Resources Conservation District and Humboldt County Natural Resource Conservation Services.</p> <p>2) Develop network contacts from the Resource Conservation Districts, Natural Resource Conservation Services, Farm Bureau, and Regional Water Boards.</p> <p>3) Contact dairy owners <u>during meetings</u> via telephone, or through mail correspondence.</p> <p>Outreach efforts will afford staff opportunities to meet stakeholders, communicate water quality concerns, learn about stakeholder concerns, and gain information to assist in developing permits that address water quality concerns and that set reasonable, clearly explained expectations and compliance timeframes for dischargers.</p>	<p>3 General Permit development status workshops; with UCCE, RCD, and NRCS at each meeting.</p> <p>Staff made a on Dairy Permit Status Update presentation to the Regional Board in</p>	Ongoing
Inspections	<p>1) Conduct 6+ pre-permit dairy inspections in the North Coast Region. Inspections will consist of site review to identify pollutant sources (potential or active), identify receiving waters, review current management practices and measures, discuss areas of concern (pollutants sources that are discharging or could result in discharges to receiving waters) with the landowner and representatives of the Western United Dairymen and/or the Gold Ridge or Sotoyome RCD.</p>	<p>Will summarize in semi-annual progress report (see Deliverable 3.1).</p>	Report in late spring 2009.

Permitting	2) Develop a draft Waiver or Waste Discharge Requirements for dairy operations in the North Coast Region containing a time schedule to develop site-specific pollutant source inventories and workplans/schedules to implement management practices and measures. Initial, internal draft completed; undergoing review at time of reporting.	One draft general permit. (see Deliverable 3.3)	Draft general permit by June 30, 2009.
Management Measures:			
1A-1G			
Watershed Code: Regionwide			
Deliverables:			Due Date:
3.1 Semi annual progress report update			late spring or early summer 2009
3.2 One completed general permit. Staff report to Board			
Budget in PYs: 0.65			

Task 4: NPS Implementaton – Scott and Shasta River Watersheds

Description: In conjunction with TMDL implementation efforts in these two watersheds, we will address non point source discharges at locations identified through Tasks 4 and 5 during Fiscal Year 2006/07, and will develop appropriate permitting mechanisms. We will continue to build on existing efforts and programs occurring or planned in these watersheds.

Outcome: Management measures and practices implemented throughout both watersheds minimizing or eliminating NPS discharges to receiving waters within those watersheds – with the final outcome of addressing the existing sediment and temperature (Scott) and dissolved oxygen and temperature (Shasta) impairments in these watersheds so that they can attain and maintain their beneficial uses. The Shasta River, in particular, was historically very important habitat for anadromous salmonids. The anticipated outcome of our efforts over the next several years will be recovered instream habitat and water quality in order to support the endangered salmonids and to assist in the overall effort to restore the fisheries in the Klamath River watershed.

FY08 Objectives: Continue TMDL and NPS implementation efforts pursuant to the adopted TMDL implementation plans, and will identify individual/specific actions as implementation progresses.

Subtask	Descriptions with Outcome	Milestones	Schedule
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Outreach	<p>Staff, including the Executive Officer, will continue to regularly meet with RCDs, UC extension, and NRCS representatives, stakeholders, and interested parties to discuss TMDL implementation, permit development, water quality concerns, etc., in an effort to coordinate with and assist their efforts to develop plans to address the TMDL-related impairments, as well as to keep those efforts on track.. We expect that these plans and efforts will address NPS pollutants in addition to those for which these watersheds are listed.</p> <p>We plan to report on progress, outcomes, decisions, etc. from these efforts in our 6 month progress report to the Executive Officer, as well as our end of year progress/status report to the Regional Water Board. (Deliverables 3.1 and 3.2)</p> <p>* Conducted two workshops to enroll ranchers in TMDL conditional waiver program (August 2008). Over 700 notification letters sent to ranchers, and >450 ranchers responded and signed NOI to enroll in program</p> <p>Staff will continue to work with the Department of Fish and Game on integrating our efforts with their ongoing "Scott River Watershed-wide Permitting Program" efforts in the Shasta.</p> <p>Developing a prioritization list of ranchers and irrigation districts who need assistance in developing ranch plans to implement TMDL requirements Follow-up letters will go out to those who have not responded to our first NOI letter, in the second quarter of 2009</p> <p>*Made numerous visits with and a number of presentations for RCDs, the SOSS (Save our Scott and Shasta), Watershed Councils, NRCS, Fish and Game, and others</p> <p>Updated Board on Scott and Shasta TMDL implementation progress October 2008</p> <p>Staff participated and partially facilitated a meeting amongst key players, including Division of Water Rights staff, to further efforts to dedicate water rights to instream flows for water quality and fisheries.</p> <p>Staff have also attended and spoken at community meetings held to address water quality issues.</p> <p>Staff met with Caltrans staff to discuss their study of Lake Shastina and the possible effects from their ongoing operations on the Shasta River.</p> <p>Staff have met with staff from CalFIRE, CDFG, and industry to explain new requirements for leaving shade trees during timber harvest operations. The Scott River Action Plan calls for increased shade retention in riparian areas,</p>	Attend at least four stakeholder meetings.	<p>Ongoing</p> <p>Reports: *Midyear to EO (late Dec/early Jan) *Annual to Board (June 2008)</p>
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	and this is being actively administered by our Timber Harvest Review staff.		
Inspections	<p>Staff will continue to inspect SWAMP stations, known or suspected NPS sources, downstream impacted areas, etc. in order to assess watershed conditions in both the Shasta and the Scott. Staff will collect samples, review present hillslope and instream conditions, identify or review potential water quality improvement or protection projects, and help landowners to recognize pollutant sources and to identify management practices and measures which can be used to correct or address those sources. This surveillance will help staff to identify further individual areas of concern as well as ensure that current high priority efforts are proceeding as anticipated.</p> <p>We plan to report on progress, outcomes, decisions, etc. from these efforts in our 6 month progress report to the Executive Officer, as well as our end of year progress/status report to the Regional Water Board. We have scheduled a Scott TMDL update for April 2009, and a Shasta update for later in the year.</p> <p>Staff have conducted numerous inspections, and have responded to complaints which led to some level of progressive enforcement. Staff issued a CAO for an illegal project involving excavation and removal of riparian vegetation from approximately a mile of a small fish stream; responsible parties have since submitted a restoration plan and have begun restoration activities.</p> <p>Staff continue to respond to complaints as they come in.</p>	<p>Specific priority subtasks for the Shasta watershed.</p> <p>Update/status report to the Regional Water Board in April 2008 (Scott) and second half 2008 (Shasta).</p>	Ongoing
Specific progressive enforcement and/or regulatory actions	<p>Staff will continue participation in the Siskiyou Environmental Task Force. Various complaints have been investigated, with several on-going progressive enforcement actions. Also, there have been a few formal enforcement actions initiated or pending (CAOs, ACLs, Letters), the majority of which involve Dredge/Fill and Stream Wetland Impacts</p> <p>Over FY 08/09, we will continue working on a number of enforcement and regulatory activities including:</p> <ul style="list-style-type: none"> a) Moffett Creek subwatershed sediment control b) Scott River ground water study c) Crystal Creek/Patterson Creek Uncontrolled Grazing, including enforcement and/or individual permitting for the Hale Dairy, located within this area. d) General WDRs for Siskiyou County Road Maintenance and Repairs (WDRs drafted in FY 07/08; we expect to bring them to the Regional Water Board for consideration in FY 08/09) 	<p>This subtask will generate orders and plans of various types. All will be summarized in the midyear status report to the Executive Officer and the end of year status report to the Regional Water Board. (see Tasks 3.1 and 3.2, above).</p>	Ongoing

	<p>e) participation in Siskiyou County enforcement task force</p> <p>f) Black Butte illegal instream bulldozing enforcement (CAO issued for illegal bulldozing of a 1 mile section of fish bearing stream; restoration underway)</p> <p>g) Little Shasta River illegal bulldozing and pond construction (CAO to be issued by end of FY 07/08; DFG also taking enforcement on this site)</p> <p>h) Shasta River illegal bulldozing (CAO anticipated for this 10+ ongoing project which has pushed a section of the Shasta River against a hillside and confined it behind a levee constructed of earthen material, construction and demolition debris, and refuse; DFG and possibly EPA also taking enforcement action on this site)</p> <p>i) Scott River Lodge illegal pond and dam construction (CAO pending; possible ACL for illegally and improperly constructed ponds, and subsequent discharges of sediment into Scott River)</p> <p>j) City of Yreka Wastewater Treatment Plant illegal levee construction (CAO and ACL anticipated for construction of a levee with earthen material and construction and demolition debris)</p> <p>We also expect to encounter or learn of additional specific sites that will warrant some level of progressive enforcement action, but expect that as our individual and collaborative enforcement efforts continue, in conjunction with our outreach and educational activities, such egregious, polluting activities will become less common.</p>		
Management Measures:			
1A, 1C, 1E, 1F, 3.1-3.6 (all urban MMs), 5.1-5.4 (all hydromod MMs), 6A, 6B.			
Watershed Code: 105.40 and 105.50			
Deliverables:			Due Date:
4.1 staff report for Regional Water Board meeting and semi annual reports			June 30, 2009
Budget in PYs: 1.0			

Task 5: NPS Implementaton – Regionwide Waiver Policy Update

Description: Staff presented the waiver policy to the Regional Water Board for consideration in October 2007 and ultimate adoption in December 2007, with no proposed changes. Staff anticipate presenting additional categories to the Board for consideration in June 2008. Considering the number of additional categories we anticipate adding to the policy, we expect that we will propose additional amendments to the Board over FY 08/09 to comply with the NPS policy, as well as to address priorities identified under our Basin Planning Unit's sediment workplan development efforts.

Outcome: The outcome will be a revised waiver policy for the North Coast Region, covering a number of eligible activities including a number of NPS-related activities. This may serve as an incentive for landowners/land managers subject to more onerous and/or costly WDRs, enforcement orders, etc. to take appropriate steps to modify their operations to ensure water quality protection. This will also provide an opportunity for landowners/managers who are taking steps to protect water quality to have their efforts recognized and documented (e.g., through enrollment letters from this Region acknowledging that their operations do qualify for coverage under the waiver). Net benefit to water quality is not really quantifiable, but this effort may, over time, help in our overall efforts to reduce NPS discharges from properties throughout the region, especially as we develop companion WDRs for waiver categories, and begin requiring that NPS dischargers file reports of waste discharge and seek coverage under either the waiver or WDR program.

FY09 Objectives: Revised Waiver policy

Over the reporting period, staff updated the waiver policy and associated documents as necessary to present to the Board for renewal with no significant changes in December. Staff anticipated returning to the Board during the next reporting period with proposed new and revised waiver categories. There is no new progress to report over the second half of the FY.

Subtask	Descriptions with Outcome	Milestones	Schedule
4) Present NPS elements of policy to Board	In coordination with other participating staff from other divisions, units, and programs, NPS staff will develop and present information for the Regional Water Board meeting(s)/workshop(s) conducted in relation to the waiver policy consideration and adoption.	Presentation materials and adopted waiver policy (see Deliverable 5.04)	By June 30, 2008

Management Measures:

1A, 1C, 1E, 1G

Watershed Code: Regionwide

Deliverables:

- 5.01 List of activities.
- 5.02 List of conditions for each activity.
- 5.03 Draft waiver policy.
- 5.04 Revised 5 year conditional waiver policy including various NPS activities.

Due Date:

- 1. July 2008
- 2. September 2008
- 3. October 2008
- 4. June 30, 2009

Budget in PYs: 0.25

Task 6: NPS Implementaton – Pre Permit-Development Groundwork

Description: Staff efforts over this fiscal year will continue to involve outreach to landowners both in meetings as well as in the field, possible monitoring, and identification of opportunities to implement management measures or practices in the near term. This will continue to serve as reconnaissance as well as an education and outreach, setting groundwork for future years when we will focus permit development on the areas/activities listed below. In FY 200/08, we had anticipated working primarily on railroad corridor issues, however, to date, the North Coast Rail Authority activities have occurred largely in Region 2 and/or in portions of Sonoma County that are relatively urbanized and do not warrant specific NPS regulatory oversight. The subtasks we provided in the FY 07/08 workplan did not ultimately reflect our permit-related efforts, with the exception of pre-permit discussions associated with activities in the Laguna de Santa Rosa; for FY 08/09, we are including those efforts and their continuation under the Dairy Permit task, number 3, above. Based on the actual permit-related work performed over FY 07/08, we are substantially revising the subtask list for FY 08/09.

Outcome: Reduced discharge of non point source pollutants, including sediment, nutrients, herbicides, nematicides, etc. to receiving waters in various locations throughout the region.

FY08 Objectives: More information regarding listed facilities and activities; landowners and stakeholders informed about water quality concerns and implementing pollution reduction measures; groundwork in place for smooth permit development in a future Fiscal Year.

There is nothing significant to report on this task for the reporting period.

Subtask	Descriptions with Outcome	Milestones	Schedule
1) WDRs for Sonoma County Public Works Department	Sonoma County Public Works Department has requested that Regional Water Board staff develop WDRs recognizing the Fishnet 4C manual as the County's plan for controlling pollutant discharge from County Roads. We expect to use the Siskiyou County Road WDRs as a model, and our success and the timing with which those WDRs move from draft to adoption will drive the shape and timing of our WDR development under this subtask.	Summary of activities over FY 08/09 and recommendations for efforts in FY 09/10, presented to Regional Water Board for concurrence and/or comments..	June 2010
2) Vineyard WDRs and waivers	In collaboration with Region 2, we anticipate developing general WDRs/waivers for vineyards within our respective Regions, likely identifying implementation of the Fish Friendly Farming program, with additional conditions, as a means by which vineyard owners/operators can qualify for a waiver of WDRs. Region 2 is taking the lead on this project at this time; our efforts will coordinate with and follow the same timeline as those efforts by Region 2 staff.	Summary of activities over FY 08/09 and recommendations for efforts in FY 09/10, presented to the Regional Water Board for concurrence and/or comments...	June 2009
3) Coordination with Region 1 Basin Planning and TMDL unit efforts	As mentioned under the Waiver Policy task 5, above, we expect to add new categories to the waiver policy in part based on recommendations made by the Basin Planning and TMDL units as they develop new policies and TMDLs over the course of this and future FYs. Efforts under this subtask will involve working closely with staff of the Basin Planning & TMDL units to identify permitting needs or priorities resulting from the policies which they are developing, determining appropriate types of permits to develop, when necessary, providing feedback to ensure that policies and associated implementation plans are understandable and will require minimal translation to implement on the ground, and to advise prospective permittees or stakeholders of pending or possible new or revised permit requirements to reflect new or pending policies.	Summary of activities over FY 08/09 and recommendations for efforts in FY 09/10, presented to Regional Water Board for concurrence and/or comments...	June 2009
4) Miscellaneous pre-permit development activities	We may direct efforts towards the North Coast Rail Authority and/or other specific NPS-related projects over the course of this fiscal year as opportunity or need presents itself. Our efforts will depend upon the type and nature of the given projects that arise.	Comments on environmental documents. Summary of activities over FY 08/09 and recommendations for efforts in FY 09/10, presented to Regional Water Board for	June 2009

		concurrency and/or comments....	
Management Measures:			
1A-1G (all ag), 3.1-3.6 (all urban)			
Watershed Code: Regionwide			
Deliverables:			Due Date:
Summary of activities over FY 07/08; summarized in semi-annual progress reports			June 2009
Budget in PYs: 0.3			

Task 7: NPS Implementaton – Miscellaneous

Description: Activities in this category include ongoing routine or as-needed efforts on a number of projects and activities which will require NPS policy-compliant permitting mechanisms at some time in the future. This category also includes ongoing efforts on enforcement actions initiated in past years, complaint response, technical consultations, pre-project inspections and reviews, participation in (giving presentations or manning booths at) water quality workshops and seminars, oversight of existing permits, and participation in statewide or regionwide policy development. We have invested a great deal of time and effort in a number of these activities over the past several years, and believe that continued involvement, at least at a low level, is critical to avoid backsliding and, hence, more resources needed in future years. Proposed budget allocation for this task has been reduced compared to that for FY 2007/08 due to successful completion of and/or referral of three of our most significant and time consuming ongoing enforcement cases. The bulk of staff effort in this category over FY 2007/08 involved complaint investigations for vineyards under development with inadequate BMPs, continuation of long time progressive enforcement efforts on two road-related complaints, and complaint investigations/multi agency sting efforts in the Trinity River watershed. We have moved two of the listed items from this task to other tasks within this workplan, namely Sonoma County Road Dept. Fishnet 4C program has moved to task 6.1 and vineyard oversight has moved to task 6.2. We have also referred the Alden case to the Enforcement unit.

Outcome: Maintain and develop policies and programs to protect receiving waters throughout the Region from NPS discharges.

FY07 Objectives: Maintain the level of involvement necessary to ensure that these various efforts continue smoothly, that our concerns are recognized and properly incorporated or addressed, that our cooperative relationships with various sister agencies continue, and that egregious localized water quality problems are identified and corrected quickly.

Work in this category is reported below. In addition, staff spent a significant amount of time reviewing the gravel extraction review process in Humboldt County, and developed a monitoring and reporting program template for the Region 1 General WDRs for sand and gravel mining. This effort overlaps with our 401 program as well.

Subtask	Descriptions with Outcome	Milestones	Schedule
1) As-needed efforts on unregulated NPS	-Boating facilities and marinas (staff will inspect periodically) -County roads - 5 Counties Salmonid Restoration Program (staff will continue to work closely with 5C staff to improve effectiveness of on the ground application of	Milestones & progress in individual tasks will be summarized in semi-annual	June 2009

activities/facilities	5C program) -County grading ordinances (staff will participate in/comment upon/contribute to efforts currently underway) -Potter Valley (staff propose to assess this area further; observations and data to date suggest this is a low water quality priority) -Marijuana farms (staff will continue appropriate progressive enforcement efforts on two existing projects; staff may revise ranking if further facilities are identified) -Regionwide grazing -Miscellaneous non-concentrated agricultural activities (staff will inspect periodically and may revise ranking if significant water quality problems are confirmed at multiple facilities) -Large landowners or properties with multiple NPS activities (staff will continue to work with PG&E and to participate in statewide discussions with USFS and USBLM) -Invasive plant removal projects (staff will develop specific permits as new projects are proposed; we have no new project proposals at this time) -Private roads, driveways, parking areas, etc. (staff recommend development of a regionwide road policy/prohibition for inclusion in the Basin Plan)	progress reports(see Deliverable 7.01).	
2) Complaint response	Staff will respond to complaints as received, confirm water quality problems, and, if problems are confirmed, take appropriate action.	Deliverable 7.01	June 2009
3) Ongoing enforcement and permit oversight	Staff will continue follow-up efforts on ongoing enforcement cases and regulated facilities, inspecting sites, participating in meetings, issuing follow-up letters or enforcement orders, etc. as needed to continue and complete each case.	Deliverable 7.01	June 2009
4) Outreach	Staff will participate in water quality or industry workshops and seminars as requested (usually either as speakers or manning a water quality information booth) and provide technical input or assistance to prospective dischargers and/or fellow agency staff (in house or from other organizations).	Deliverable 7.01	June 2009
5) Participation in statewide or regionwide policy development	There are a number of statewide and regionwide policies under development which are relevant to our NPS efforts. Staff will participate in or comment upon these efforts, as necessary. (in past years, R1 staff participated in discussions related to the Wine Institute's Code of Sustainable winegrowing, statewide grazing policy discussions, county general plan development, etc. We anticipate continued participation in Humboldt County general plan development over this fiscal year, as well as other efforts that arise over the fiscal year.	Deliverable 7.01	June 2009
Management Measures:			
All ag, urban, hydromodification, and boating.			
Watershed Code: Regionwide			

<u>Deliverable:</u>	<u>Due Date:</u>
7.01 (see 3.2) Staff report summarizing NPS activities in the region	June 2009
<u>Budget in PYs:</u> 0.3	

NPS Program Summary

NPS tasks were generally on track this period, with some unavoidable delays as noted in tasks below. Task 1: The NPS coordinator and other staff completed the semi-annual progress report for January through June 2008; attended monthly phone calls, the July NPS Roundtable and the October NPS/TMDL joint Roundtable; and worked with applicants and reviewed concept proposals for 319(h) grants. Task 2: All but one of the grants were on schedule and milestones met; two grants were successfully completed and funding for future projects leveraged for one of them; two new grants are in process for grant agreements. Task 3: Under our Hydromodification Task staff continued work with several advisory committees on reviewing technical documents and making site visits to review implementation projects. Staff also continued to prepare the technical staff report and guidance materials for a Basin Plan amendment and coordinated our efforts with the State Board on our Stream and Wetland Systems Protection Policy. Task 4: Under our TMDL Task we began implementing our new WDR waiver for grazing, worked with an interagency group on a vessel management strategy for Tomales Bay, and focused on sediment management practices in several key watersheds. Task 5: Under the CCA Task we continued to work closely with the California Coastal Commission and a variety of local stakeholders to develop a Watershed Assessment for the Fitzgerald Marine Reserve in San Mateo County and coordinated with efforts in Sonoma Creek Watershed CCA.

Task 1: NPS Program Coordination

Subtask	Milestones	On Task (yes/no)	If no, discuss obstacles and problems encountered; list any modifications to milestones
a. Evaluate Program Success	2. Submitted semi-annual progress report for January through June 2008 in July. 3. Submitted final workplan for 2008-09 in April 2008. 4. Submitted input to 5 Year NPS Plan. 5. Developed a 319 Success Story template consistent with requirements of EPA success story categories.	Yes	
b. Information Exchange/Outreach	NPS coordinator and/or other staff participated in monthly phone calls and NPS roundtable in July and joint TMDL/NPS RT in October. Staff tracked marina subcommittee progress.	Yes	
c. Contract and Grant Review	Participated in grant concept proposal reviews and panels for 2008-09 awards process to ensure that contracts awarded to projects within the region reflect regional TMDL priorities. We received seven concept proposals in our Region. Six of these scored well enough to be invited back for full proposals in February 2009. We also initiated work on grant agreements for two new proposals: in Lagunitas Creek Watershed, Marin County, and in the Rutherford Reach of Napa Creek in Napa County. Grant coordinator attended statewide grant coordinator meetings.	Yes	
d. Critical Coastal Areas	Staff has been actively working with CCA pilot in San Mateo County, providing information as needed, and attending Steering Committee meetings and workshops. Staff continues to coordinate with Coastal Commission and BCDC on Sonoma Creek pilot CCA.	Yes	See Task 5 below for details.

Deliverables due this reporting period: Progress report January through June 2008, Completed Success Story Checklist, Completed Success Story.
Deliverables (submitted previously): Semi-annual Progress Report for January through June 2008; checklist for Region 2 Success Story. Currently in discussion with State Board and EPA about how to complete Success Story to the satisfaction of both agencies.
Major achievement this reporting period: Completed and submitted Semi-annual Progress Report for January through June 2008. Attended NPS Roundtables and conference calls. Reviewed 319 grant concept proposals and began working with successful applicants on development of full proposals.
Environmental benefit expected or achieved: Development and implementation of outcome-based workplan and progress reports. Improved communication among State and Regional Boards and EPA should lead to increased environmental benefit in terms of reduced NPS pollutant loadings.

Task 2: 319 Project Management				
Contract Number Project Name	Milestones/Products/ Outcomes 7/07 to 12/07	GRTS data current (yes/no)	Contract on Schedule (yes/no)	If no, discuss obstacles and problems encountered
04-304-552-0 Napa Green Certification Program Napa Resource Conservation District	Project was completed on 12/31; all proposed implementation actions were completed; and an additional 2,100 acres of vineyard and 3400 acres total (including adjacent wild lands) was certified between June and November of 2008. Total certification acreage in the Napa River watershed is now approximately 8,000 acres of vineyards (about 25% of the total acreage), and 12,000 acres in total (including adjacent developed and wild lands).	In process	Yes, completed	Working with State Board to ensure that GRTS data are submitted.
05-129-552-0 Tomaes Bay Rangeland Management Point Reyes National Seashore	Project to implement Tomales Bay pathogen TMDL with management practices on grazing lands, with aim of reducing sediment by 100 tons annually and reducing pathogens by one order of magnitude. Ten demonstration Best Management Practices projects were successfully implemented on park rangelands draining to Tomales Bay. Project resulted in construction of 14,260 ft. of new fencing, development of two watering facilities, repair of 375 ft. of sloping road surface, decommissioning of 825 ft of roadbed, and restoration of two stream reaches. The new fencing will exclude cattle from 3900 ft of Lagunitas Creek and 1440 ft. of Olema Creek headwaters, both coho and steelhead streams, as well as protection along a number of smaller tributaries. The project also included waters quality monitoring. The grant was completed on time, milestones met and final report submitted. Sediment reduction and pathogen reduction targets are expected to have been met. Staff plans a final inspection of all projects in spring. Project was very successful in leveraging funding from State Coastal Conservancy and National Park Service project funds, and the Park Service plans to continue work with Marin Resource Conservation	In process	Yes, completed.	Working with State Board to ensure that GRTS data are submitted.

	District as well as with other local partners.			
06-245-552-0 Demonstrating Road Reduction Improvements Napa Resource Conservation District	All bid documents for road erosion control projects were prepared; efforts to obtain necessary project permits were continued (CEQA, County grading permit, and DFG 1600 agreement). RCD project manager resigned in September; project has been on hold since (because this position is funded primarily by a grant that relies on CA bond funding). Unless the freeze on bond spending is lifted in the next month or two, we would expect implementation of this project to be delayed by one-year to summer of 2010; a grant extension will be needed.	No (project not completed)	No	As noted, project cannot proceed due to personnel hiring issues related to State bond funding freeze. We anticipate needing a time extension.
06-246-552-0 Students and Teachers Restoring a Watershed (STRAW) Project The Bay Institute	Between July and December 2008 STRAW visited each revegetation site a minimum of three times to conduct monitoring and maintenance. STRAW also prepared for the 2008-09 restoration season. Planning consisted of site reconnaissance, development of planting designs, classroom scheduling to conduct restoration, and environmental science education to prepare students for restoration. A total of 7 restorations were planned for the 2008-09 season. Four restoration days occurred in December 2008; the remaining three restorations are planned for 2009. A total of 10 classrooms participated in these restoration activities. On August 4-6, STRAW held their Watershed Week, a professional development event for teachers to inspire them for the year's work in environmental science. The focus of this year's Watershed Week was on San Francisco Bay. Teachers also traveled by train from Oakland to Sacramento on The Bay Institute's "Water Train," to learn about the landscape and how it is affected by the Bay, including policy issues affecting the Bay-Delta region. Following Watershed Week, an additional teacher professional develop event was held in October on the topic of San Pablo Bay. Giselle Block, wildlife biologist at the San Pablo Bay National Wildlife Refuge, presented.	No (project not completed)	Yes	
Lagunitas Creek	Project will reduce stream sedimentation by treating high priority erosion sites along Lagunitas Creek, Marin County. Includes work at 44 sites on Marin Municipal Water District, State Parks, and National Parks lands. Grant manager has worked with grantee on developing the scope of work. There have been delays at State Board in getting grant agreement finalized, but we hope to have it done early in 2009. Staff also discussed preliminary designs as part of an all day site visit.	Grant agreement not finalized	No	Delays at State Board in completing grant agreement.
Napa Rutherford Reach	Project will implement an ongoing restoration along 2 miles of 4.5 mile restoration on the Napa River, including bank grading, floodplain	Grant agreement	Yes	

	<p>revegetation, berm setbacks, and instream habitat enhancement.</p> <p>Grant Agreement is being negotiated. We anticipate having a grant agreement signed and completed in February 2009.</p>	not finalized		
<p>Major achievement this reporting period: Successful completion of grant tasks as scheduled, with project milestones achieved. Satisfactory completion of Pt. Reyes Seashore Rangeland Management and Napa Green Certification grants. We also worked with applicants on developing grant agreements for two new 319 grants awarded in 2008: 1) Marin Municipal Water District (MMWD): Lagunitas Creek Water Quality and Habitat Improvement Project and 2) County of Napa: Napa River Rutherford Reach Restoration, Phase II Implementation.</p>				

Task 3: Hydromodification

Subtask	Milestones	On Task (yes/no)	If no, discuss obstacles and problems encountered; list any modifications to milestones
a. Education and Outreach for Regional Board Staff and Stakeholders	<p>1) Ongoing workshops and conferences conducted by Water Board Staff:</p> <p>1. A half day workshop in San Diego on September 2, 2008, for a statewide audience of flood control engineers, local planners, and watershed NGOs, sponsored by the Floodplain Management Association. The workshop was a training session with career education credits. It covered the basic concepts for protecting streams and rivers and also covered our new "Rapid Permit Assessment" checklist for 401 certifications, technical guidance for managing streams and watersheds.</p> <p>2. In-house training on Nov. 13th for approximately 20 staff, focused on maintenance practices, rapid permit assessment and bioengineering; agenda is included as a deliverable with this report. The material covered included; a) the use of the RB2 Rapid Assessment Checklist for assisting permit and stormwater staff with 401certs and WDRs; b) how to apply soil bioengineering systems to stream bank restoration and projects; and c) how to evaluate stream snagging and clearing projects proposed for flood control purposes.</p> <p>3. Primary organizer for the Bay Area Water Forum's November 24th meeting on "The Realty and Challenges of Grey water Systems," facilitated by SWRCB member Gary Wolff and including panelists representing different points of view about the benefits and potential impacts of alternative water supply systems. We hope to expand the topic to small scale rainwater collection systems. 50-60 attendees.</p> <p>4. Organized the Bay Area Watershed Network Assessment, Monitoring</p>	Yes	

and Restoration Tools Working group meeting on December 8 th . The purpose of the workshop was to provide an over view of the many projects being conducted in the Bay Area and look for ways to coordinate and set priorities. Over 50 people attended.		
5. Workshops undergoing planning during this period of time include: a workshop sponsored by the SWRCB Water Board Training Academy for the Lahontan Region (R6) on protecting streams in arid environments and a workshop for De Anza Community College and Stevens Creek Watershed Council on stormwater management and stream protection and restoration.		
2) Woody Debris and Sediment Management in Lagunitas Creek Watershed: Marin Municipal Water District (MMWD) convened an annual Large Woody Debris woody debris management training on December 3, 2008. There were 18 attendees representing MMWD, Marin County Public Works, Marin County Open Space, FishNet4C and Samuel P. Taylor State Park. MMWD presented a PowerPoint presentation on the Lagunitas Creek Woody Debris Management MOU, focusing on the best management practices for standing trees and downed wood in the riparian corridor. Topics included how to leave wood in the channel while preventing bank erosion, sharing equipment, storing logs, culvert clearing, and storm drain maintenance. The general consensus was that the BMPs resulted in less work for maintenance crews. MMWD continues to provide updates at quarterly Lagunitas Creek TAC meetings.	Yes	
3) Review of MMWD erosion control projects: Water Board staff will be touring LWD and erosion control projects next quarter.	Yes	
4) Technical input to Tomales Bay Watershed Council (TBWC): Staff continued to provide technical input on implementation of TBWC monitoring plan as part of the Water Quality Committee to determine strategy for source area monitoring and to review data. The monitoring plan was approved in October 2007 and sampling has begun; however, State Bond fund freeze has required the Council to cut back on monitoring.	Yes	
4) Fish passage issues: Staff worked with the California Dept. of Fish and Game on pool-riffle ramps on the Napa River Flood Control Project; project designs will be complete by June 2009. Staff is also working	Yes	

	<p>with Marin County on assessing the success and failures of fish passage, culvert, and road crossing projects, including: identifying high priority new restoration sites, field evaluation of existing sites, and a series of roundtable discussions evaluating performance. The first roundtable was held last quarter, future ones are expected to be completed by fall, depending on funding status.</p> <p>6) San Geronimo Creek: Staff continued participation on the San Geronimo Creek Watershed Salmon Advisory Group and prepared two sets of comments on the draft existing conditions report, which are included as deliverables with this report. Project is on schedule, no anticipated problems in meeting deliverables we have specified.</p>	Yes	
b. Project Implementation	<p>1) Implementation of LWD and Roads MOU in Lagunitas Creek Watershed: (see above for LWD MOU summit). MMWD applied for and received a 319(h) grant to do 44 projects in the watershed. Marin County Open Space District, working with SPAWN (Salmon Protection and Watershed Network) is conducting a monitoring program and road sediment reduction and is currently applying for a 319(h) grant. If they do not get the grant funding, they are committed to looking for other funding.</p> <p>The California State Parks Dept. completed 2.5 miles of trail and 4.5 miles of road assessment, design recommendations were made and priorities determined. The Parks Dept. also completed an emergency culvert repair this season to avoid 3 tons of sediment going into the creek. Final Project selection and design now on hold due to State budget bond freeze. Water Board staff are coordinating with the Parks Dept. for tours of trail and culvert maintenance practices with maintenance staff.</p> <p>SPAWN assessed 6.2 miles of unpaved roads, made design recommendations for sediment reductions, and costs were done by Pacific Watershed Associates. They convened a Technical Advisory Committee roundtable to determine high priority sites for restoration and repair. The TAC includes staff from the Water Board, Dept. of Fish and Game, State Coastal Conservancy, National Park Service, Marin County Open Space District, Marin County Public Works, MMWD and State Parks.</p> <p>2) Stream and Wetlands System Protection Policy: Completed draft Basin Plan amendment for the Stream and Wetland</p>	<p>Yes</p> <p>No</p>	<p>Projects have remained on schedule to date, but in several cases the freeze on State bond funds is stopping them from continuing after mid-December.</p> <p>Due to the complexity of the project and extensive coordination with the State Board's Wetland and</p>

Systems Protection Policy. A final Basin Plan amendment will need to go through the external peer review (expected summer '09), public review and comment (expected late summer to fall '09), and Board adoption hearings (expected to start December '09). A draft guidance document for Stream and Wetland Systems Protection Policy has been completed. This guidance document will need to go through external peer review and public review and comment and will follow the timeline of the Basin Plan amendment.	Riparian Area Protection Policy, a final Basin Plan amendment will not be completed by the end of the fiscal year.
Deliverables due this reporting period: Summary of outreach activities.	
Deliverables submitted with this report: Summary of outreach is described in Task 3.a.1 above; Agenda for in-house training on rapid bioassessment and bioengineering; Comments on San Geronimo Creek Watershed Draft Existing Conditions Report (two sets of comments).	
Major achievement this reporting period: Held a variety of trainings and workshops on stream processes, permitting, and monitoring; continued preparation of technical documents on Stream and Wetland Systems Protection Policy; provided technical help and oversight on a variety of hydromodification projects in West Marin with Marin Municipal Water District, Marin RCD, California State Parks, SPAWN, and Point Reyes National Seashore.	
Environmental benefit expected or achieved: Reduction in sediments through erosion control and bank stabilization projects; preservation and enhancement of stream functions; education of stakeholders on environmentally sound management practices and stream protection.	

Task 4: TMDL Implementation			
Subtask	Milestones	On Task (yes/no)	If no, discuss obstacles and problems encountered; list any modifications to milestones
a. Inspections and Enforcement of Confined Animal Facilities	Inspections at dairies in Marin and Sonoma planned for February 2009.	No	Rainy season inspection schedules fell behind due to extended leave of absence of key dairy staff and limited rainfall during the 3 rd quarter of 2008. Staff is gearing up to complete inspections during Winter 2009. No enforcement actions this period.
b. Outreach	Staff regularly attends the Sonoma-Marina Animal Resource Committee meetings, held monthly.	Yes	
c. Grazing Management measure identification and development	The Conditional WDR waiver for grazing management, adopted by Water Board on July 8, 2008, will implement a requirement of the Tomales Bay Pathogen TMDL (adopted in 2005), the Walker Creek Mercury TMDL (2007), and future planned TMDLs for sediment and nutrients in Tomales Bay. The waiver establishes management practices for grazing activities that are designed to minimize pathogen, sediment, nutrient, and mercury (for Walker Creek) discharges to waterways and Tomales Bay. In November 2008, Board staff mailed Grazing Waiver packages to the landowners of approximately 400 agricultural parcels in the Tomales Bay	Yes	

	<p>Watershed. The mailout included the Notice of Intent form, due on January 31, 2009. Board staff has been addressing questions and concerns of affected landowners and processing the paperwork that is being submitted by landowners or operators of grazing lands in the Tomales Bay Watershed. Staff met with the National Park Service in October to discuss waiver requirements for ten ranches within the National Seashore.</p> <p>In December 2008, Board staff participated in the development of a Contract Agreement between the Marin County RCD and the Association of Bay Area Governments (ABAG), as a means to provide assistance to landowners in complying with the Grazing Waiver. Under the terms of the Agreement, in the amount of \$30,000, the RCD will provide outreach and education assistance to landowners, develop a template for a Ranch Water Quality Plan, and assist Board staff in the development of informational material. Work under this Contract Agreement will be completed by December 2009.</p>		
d. Vessel waste management in Tomales Bay	<p>As noted in previous report, a Draft Preliminary Vessel Management Plan was distributed for public review in August 2007, with the public comment period ending in December 2007. Vessel Management Committee prepared responses to comments received for internal review. The Final Draft Plan was issued and is available for review at http://www.farallones.noaa.gov/ecosystemprotection/tomalesbay.html</p>	No	Final Responses to Comments were anticipated to be released in 3 rd Quarter of 2008; new date is First Quarter of 2009. The Team is slightly behind the time schedule due to difficulties in scheduling meetings.
e. Sediment TMDL in Napa River Watershed	<p>1) WDR Waiver for Vineyards – No direct progress on preparing a waiver this period. However, the substantive revisions to the sediment TMDL in response to ongoing public stakeholder input have laid the groundwork for clarifying waiver language and conditions that are expected in the vineyard waiver. Examples are provisions that pre- and post-development vineyard runoff remain the same and that no stormwater BMPs will be allowed in county-identified sensitive habitat areas. We also anticipate expanding the waiver to include all of Napa River and Sonoma Creek watersheds.</p> <p>2) Oakville to Oak Knoll Sediment Reduction: Riparian habitat, fish habitat survey, and geomorphic surveys completed. Draft opportunities and constraints report completed. Staff continues to provide technical review.</p>	<p>No</p> <p>Yes</p>	Region 2 had to withdraw the Napa River Sediment TMDL from State Board consideration to address comments challenging the adequacy of our CEQA analysis of potential project impact. As a result of lack of additional staff resources and the need to revise and re-approve the sediment TMDL, we had to put the WDR waiver for vineyards on hold for now; Expected date of Board hearing has been delayed to December 2009.
f. Sediment TMDL in Lagunitas Creek watershed.	<p>1) Phase II sediment budget report was on schedule; all field work has been completed; channel sediment transport modeling is nearly complete; Bond freeze has analysis and project reports on hold, as a result, unless freeze is lifted in the next month or two, project report will be late.</p>	Yes	Currently field work is on schedule but as noted, report may be delayed due to State bond freeze.

	2) Staff continues work with Marin County Resource Conservation District on project site design reviews and approvals as part of permit coordination process. Five projects were reviewed and approved this season.	Yes	
<u>Deliverables due this reporting period:</u> Documentation of inspections and compliance, documentation of enforcement actions; draft waiver for certified vineyards.			
Submitted with this report: Cover letter for Grazing Waiver; Final Draft Vessel Waste Management Plan (weblink provided above).			
Major achievement this reporting period: Grazing waiver approved by Water Board in July; implementation activities begun; final draft vessel management plan completed and distributed for public review; sediment reduction projects and roads projects successfully completed in Lagunitas Creek Watershed.			
Environmental benefit expected or achieved: Measurable reductions in nonpoint source pollutants from confined animal facilities, reduced fine sediment loads from roads and creekbanks; enhancement of LWD in streams to increase habitat complexity and provide summer and winter refuge for endangered salmonids and freshwater shrimp.			

<u>Task 5: Critical Coastal Area Pilot Implementation</u>			
Subtask	Milestones	On Task (yes/no)	If no, discuss obstacles and problems encountered; list any modifications to milestones
CCA pilot assessment and draft Action Plan development for Fitzgerald Marine Reserve ASBS and Sonoma Creek CCA.	Fitzgerald Marine Reserve ASBS and CCA: The CCA workgroup completed the Nonpoint Source Watershed Assessment: James Fitzgerald Marine Reserve Critical Coastal Area that was presented to the public at a workshop held on Saturday, October 04, 2008. Public comments received at the workshop were addressed and incorporated in the final version of the document released in December, 2008. The Document can be viewed at http://www.coastal.ca.gov/nps/Web/docs/fmr_assessment_final.pdf . The expectation is that this document will be used to develop a CCA Action Plan, and that process will include a public workshop.	Yes	
	Sonoma Creek CCA: ABAG released a draft white paper on the policy constraints to implementing some of the non-point source measures in the three mid-coast CCAs (which includes Sonoma) and was made available for review to the CCA workgroup in November 2008. The workgroup provided comments to ABAG on December 5, 2008. ABAG will now vet the white paper through a statewide CCA committee. The Sonoma RCD is still moving toward a watershed plan, and SFEI is fulfilling the contract obligations for their work on three coastal CCAs (including FMR and Sonoma). This includes storm drain mapping, which is on its way to completion, and historical ecology component in Sonoma Creek which was completed by the Sonoma Ecology Center.	Yes	Although Sonoma Creek CCA effort has not developed into an agency partnership like FMR, due largely to the wishes of existing stakeholder groups to remain autonomous, the CCA has served as a way to focus grant money on the area, which we expect will result in good projects and good work being done as an integrated part of current watershed planning efforts in this region.

Deliverables due this reporting period: Final assessment report for Fitzgerald Marine Reserve.
Deliverables submitted: Final Watershed Assessment for Fitzgerald Marine Reserve– available on website as noted above.
Major achievement this reporting period: Ongoing stakeholder collaboration for FMR pilot project is working well. Draft Watershed Assessment was issued in August 2008, public workshop on October 4, 2008, final document released in December 2008.
Environmental benefit expected or achieved: Reduction or elimination of sources of possible pollution into the ASBS and CCA.

NPS Program Summary

The Central Coast Water Board NPS program uses funding from 319(h), propositions (13, 40, and 50), supplemental environmental projects, and settlement funds to address a wide variety of nonpoint source issues in the Central Coast Region. Current NPS program efforts include NPS Program Coordination, Project Management (soliciting and managing projects), Agricultural Water Quality/Discharge Control Efforts, and Mixed Land Use Watershed Stakeholder Group Participation / Interagency Coordination. Priority areas targeted for management measure implementation include:

- Agriculture
- Urban (including LID projects)
- Forestry
- Wetlands – Protect and restore wetlands, riparian areas, and other critical habitats.

Complimentary programs managing nonpoint sources of pollution include Stormwater, TMDL, Forestry, and Agriculture waiver.

The four major program tasks are briefly described below:

Task 1: NPS Program Coordination - The actions taken under this task implement the Central Coast Region NPS Program Plan.

Task 2: Project Management - Project Management consists of reviewing grant Scopes of Work and Budgets, processing and overseeing (319(h)) grants. This task includes evaluation of scopes of work for funding beyond the 319 program (proposition 13, 40, and 50).

Task 3: Agricultural Water Quality/Discharge Control Efforts – The agriculture outreach and regulation efforts verify, focus, and evaluate implementation of management measures on farms to mitigate associated pollutant discharges and achieve water quality (WQ) compliance for irrigated agriculture

Task 4: Watershed Management Activities- Participate in internal as well as local working groups to ensure the funding, implementation and success of priority projects to resolve NPS related water quality issues.

Task 1: NPS Program Coordination

Subtask	Milestones	On Task (yes/no)	If no, discuss obstacles and problems encountered; list any modifications to milestones
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a. Evaluate Program Success	1. Draft CWA 319 Workplan for FY 09-10 (02-02-09). 2. Final CWA 319 Workplan for FY 09-10 (04-24-09). 3. Final Semi-annual Progress Reports (07-18-08 and 01-16-09). 4. Completed checklist of any of the six (6) Success Story categories (08-15-08). 5. Written Success Story based on completed checklist (12-15-08).	1. Yes 2. Yes 3. Yes 4. Yes 5. Yes	
b. Information Exchange/Outreach	1. Actively participate in one (1) monthly phone call and one quarterly RT by sharing regional success, problem, or activity. a. Success story presentation 2. Attend at least 2 subcommittee meetings	1. Yes 2. Yes	
c. Contract and Grant Review	1. Participate in development of Request for Proposal (RFP) documents for SWRCB consolidated grants program 2. Coordinate with potential project proponents in developing CWA 319 project proposals 3. Participate in grant review process to ensure that contracts awarded to projects within the region reflect regional priorities.	1. Yes 2. Yes 3. Yes	
d. Nine Elements	1. A record (email) of this review for the RWQCB, SWRCB, and USEPA grant files (See Deliverable 1.07)	1. Yes	No 319(h) grant funds for contracts awarded to Region 3 this year. This element is complete.
d. Critical Coastal Areas	1. Actively participate in meetings by phone. 2. Review documents developed.	1. Yes 2. Yes	
<u>Deliverables due this reporting period:</u>			
1) 07-18-08 Semi-annual Progress Report 2) Regional Board success story.			
Major achievement this reporting period:			
1) Regional Board success story 2) Semi-annual progress report on 319 workplan activities for 01/08-06/08			

Environmental benefit expected or achieved: Expect water quality and beneficial uses of water to be protected and /or enhanced.

Task 2: 319 Project Management				
Contract Number Project Name	Milestones/Products/ Outcomes 7/06 to 6/07	GRTS data current (yes/no)	Contract on Schedule (yes/no)	If no, discuss obstacles and problems encountered
06-250-553-0 Santa Cruz County RCD Rural Roads Erosion Control (San Lorenzo River, Soquel Creek, and Aptos Creek watersheds)	1) Stream reach for project sites and locations (10/08) 2) CEQA (08/08) 3) Land owner agreements (09/08) 4) Applicable permits (08/08) 5) Photo documentation and monitoring information (12/08) 6) Technical training curriculum and agendas (11/08) 7) Home drainage guide/plans (12/08) 8) Home drainage project Designs (08/08) 9) Prioritized project sites (07/08) 10) Project sites with designs (08/08) 11) Project summaries and evaluations (12/08)	Yes	Yes	Entered by grantee at: http://www.waterboards.ca.gov/funding/docs/grantinfo/319h_pollution_survey.xls Tasks 1), 5), and 11) Delayed until summer 2009

06-128-553-0 (previously 05-121-553-0) Morro Bay On-Farm Coastal WQ Implementation Project (Project Clearwater) (Morro Bay Watershed)	1) Landowner access agreements. (9/08) 2) Site visits to verify implementation of minimum 5 BMPs. (9/08) 3) Grade stabilization photos.(9/08) 4) Draft Final Report (11/08) 5) Final Report (12/08)	Yes	Yes	Entered by grantee at: http://www.waterboards.ca.gov/funding/docs/grantinfo/319h_pollution_survey.xls Final Report delivered to be in our office January, 2009
06-045-553-0 Vegetative Treatment Systems and AWQGP (Pajaro River Watershed)	1) Copies of project designs and plans for ag implementation projects (07/08) 2) List of attendees at education and outreach events (08/08) 3) Agendas, minutes, and outcomes of meetings (08/08)	Yes	Yes	Entered by grantee at: http://www.waterboards.ca.gov/funding/docs/grantinfo/319h_pollution_survey.xls Grant extended one year.
05-122-553-0 Monterey RCD Nutrient Reduction (Salinas River Watershed)	1) Implementation of project (water quality improvement report [09/08], summary documents [09/08], photo documentation [12/08],) 2) Draft project report [11/08] 3) Final project report [12/08]	Yes	Yes	Entered by grantee at: http://www.waterboards.ca.gov/funding/docs/grantinfo/319h_pollution_survey.xls
05-104-553-0 Restoring Natural Water Systems in Rural Landscapes (Elkhorn Slough Watershed)	1) Landowner agreements [09/08] 2) List of BMP's implemented [ongoing] 3) List and number of native plants at each restoration site [ongoing] 4) Workshop agendas and list of attendees [9/08] 5) Meeting agendas and presentations [9/08] 6) Water quality report [10/08] 7) Vegetation survey report [10/08] 8) Photo documentation [ongoing] 9) Faunal survey report [10/08] 10) Draft project report [11/08] 11) Final project report [12/08]	Yes	Yes	Entered by grantee at: http://www.waterboards.ca.gov/funding/docs/grantinfo/319h_pollution_survey.xls
04-228-553-0 Santa Cruz County	1) Final report 8/08	Yes	Yes	Entered by grantee at: http://www.waterboards.ca.gov/funding/d

Roads Cost-Share (San Lorenzo River, Soquel Creek, and Aptos Creek watersheds)				ocs/grantinfo/319h_pollution_survey.xls Final Report delivered to our office January 15, 2009
Major achievement this reporting period: Completed grants 04-228-553-0 , Santa Cruz County Roads Cost-Share. Project resulted in approximately 100 miles of roads assessed, sixteen rural road projects implemented, one landowner workshop, one roads tour, two technical trainings, two newsletters, and an estimated sediment load reduction of 12,048 Tons/Decade.. 06-128-553-0 , Morro Bay On-Farm Coastal Water Quality Implementation Project (Project Clearwater). The grant resulted in sixteen projects implemented including riparian fencing, off-channel grazing lands water supply, manure management, road repair, and erosion control (still processing load reduction information) 05-122-553-0 , Monterey RCD Nutrient Reduction 05-104-553-0 , Restoring Natural Water Systems in Rural Landscapes				

Task 3: Agricultural Water Quality/Discharge Control Efforts			
Subtask	Milestones	On Task (yes/no)	If no, discuss obstacles and problems encountered; list any modifications to milestones
a. Education and Outreach	Subtask 3.1: Education and outreach (MM 1G): A) Number of Water Board staff presentations B) Number of education classes certified C) Number of additional farming operations completing 15 hours of WQ education D) Number of additional farm plans completed Subtask 3.2: Partnership Coordination: A) Partner coordination meetings B) Grants funded	3.1 A) yes B) yes C)yes D) yes 3.2 A) yes B) yes	
b. Management Measure Implementation	Implementation of erosion control (MM1A), nutrient management (MM1C), pesticide management (MM1D) and irrigation management (MM1F) Subtask 3.3: MP implementation A) Number of enrolled/inspected acres which are implementing MPs and what MPs are implemented B) Number of inspected acres which implement additional MPs as a result of inspection	3.3 A) yes B)yes	
c. Inspections	Subtask 3.4 Site visits and inspections A) Number of farm inspections B) Number of watershed-level inspections	3.4 A) yes B)yes	

	C) MP implementation for inspected sites D) Referrals for technical assistance and/or enforcement	C)yes D)yes	
d. Enforcement	Subtask 3.5 Enforcement A)Number of informal enforcement actions B) Number of NOVs C) Number of formal enforcement actions	3.5 A) yes B) yes C)yes	
e. Water quality monitoring	Subtask 3.6 Water quality monitoring A) Quarterly data submittals B) Follow-up project proposals and reports C) Preliminary trends in water quality	3.6 A)yes B)yes C)yes	
Deliverables due this reporting period:			
<ul style="list-style-type: none"> Deliverable 1: Executive Officer Reports summarizing ag program activities for September 08 and December 08 			
Major achievements this reporting period:			
<ul style="list-style-type: none"> Completed settlements for five Administrative Civil Liability Complaints, totaling approximately \$27,000 in fines (of which approximately \$10,000 went to a Supplemental Environmental Project to conduct additional monitoring in agricultural areas. Required grower in area of groundwater nitrate contamination to develop and submit nutrient management plan. Began working with DPR on pesticide issues related to chlorpyrifos and diazinon. Conducted outreach on pesticide water quality issues to agricultural commissioners in three counties 			
Attached:			
<ul style="list-style-type: none"> Agricultural Program Update (EO reports for September and December 2008) 			
Environmental benefit expected or achieved: We expect to see water quality improvement within the next five years, as demonstrated through the agriculture waiver monitoring program, as all growers develop and implement the required farm water quality management plans. We expect to complete an analysis of water quality trends at some sites during the coming year.			

Task 4: Watershed Management Activities			
Subtask	Milestones	On Task (yes/no)	If no, discuss obstacles and problems encountered; list any modifications to milestones
a. Inter-agency Coordination	1) Participate in Vision Assessment team meetings (4 per year) 2) Draft Region 3 water quality report card report	A) Yes B) Yes	
b. Intra-agency Coordination	1) Shepherd previously submitted programmatic permits (12/08) 2) Submit remaining programmatic permits (07/08) 3) Complete and submit to the RWQCB the Q2 2008 invoice/progress report (08/08) 4) Complete CEQA applications (09/08) 5) Complete training manual (12/08) 6) Complete training for implementers (12/08) 7) Complete outreach (12/08) 8) Draft, complete and submit final reports to the RWQCB (12/08) 9) Complete and submit to the RWQCB the Q3 & Q4 2008 invoices/progress reports (12/08) 10) Anticipated increase of management measure implementation from two projects per year to 10 per year. (ongoing)	1) No 2) No 3) Yes 4) No 5) No 6) No 7) No 8) No 9) No 10) No	1) Delayed until March-May 2009 2) Delayed until March-May 2009 4) Santa Barbara done, San Luis Obispo delayed until March 2009 5) Delayed until June 2009 6) Delayed until June 2009 7) Delayed until June 2009 8) Delayed until September 2009 9) Delayed until January 2009 10) Subject to permit approval in July 2009
<u>Deliverables due this reporting period:</u>			
Draft Region 3 water quality report card report			
<u>Major achievement this reporting period:</u>			
Draft Region 3 water quality report card report			
<u>Environmental benefit expected or achieved:</u>			
This is an information exchange item. Expect public awareness to increase.			

NPS Program Summary

This reporting period, the Los Angeles Water Board Nonpoint Source Program focused on implementing the Los Angeles Region Conditional Waiver for Irrigated Lands (Order No. R4-2005-0080) and, to a lesser extent, atmospheric deposition control.

During the first half of FY 2008-2009, discharger groups in Los Angeles and Ventura Counties submitted Water Quality Management Plans (WQMPs) to the Regional Board. The discharger groups were required to submit WQMPs because water quality monitoring demonstrated exceedances of the water quality benchmarks established in the Conditional Waiver. Staff reviewed and provided comments on the WQMPs. In addition, staff met with representatives of each group to assist them in incorporating our comments. Both discharger groups have submitted revised WQMPs, which staff expects to approve in early 2009.

Regional Board staff continued outreach efforts to enroll growers under the waiver. Staff followed up with hundreds of phone calls to growers in Los Angeles County who were sent NOVs for failing to enroll in the waiver. As a result, enrollment in the Los Angeles discharger group has increased and staff was able to issue 172 NOV rescissions and update their database based on corrected land use information provided by property owners. Regional Board staff continues to participate in meetings and workshops to update the agriculture community on the progress and requirements of the Conditional Waiver program.

In addition to 319(h) funding, several of the nonpoint source projects in the region receive state bond measure funding. Due to the Governor's order, several of these projects have been put on hold. Notably, the Proposition 84 Agricultural Water Quality Grant Program for a mobile irrigation laboratory has been put on hold. This may affect implementation of the waiver.

Regional Board staff has continued their investigation into sources of atmospheric deposition of metals to waterbodies in the Region. After granting a one-year extension to several refineries as a settlement to their petition of our 13267 Order, staff received a report on the fate and transport of metals emitted by these refineries on October 9, 2008. Staff reviewed this report and are now comparing the refineries' results with other facilities' results in order to develop load reduction strategies for atmospheric deposition of metals in TMDLs. However, the TMDL unit recently lost the staff lead for the Port of Los Angeles TMDL, which is the TMDL most impacted by atmospheric deposition. This position has not been refilled nor has the TMDL been reassigned to other staff due to resource constraints. Therefore, NPS staff has had less involvement in developing load allocations in general.

There were no 319 grants to manage in this reporting period. However, State Board recently approved a 319 grant to the reduce nutrient and toxicity TMDL loads in the Calleguas Creek and Santa Clara River Watersheds, which staff will oversee in upcoming reporting periods.

Task 1: NPS Program Coordination

Subtask	Milestones	On Task	If no, discuss obstacles and problems
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		(yes/no)	encountered; list any modifications to milestones
a. Evaluate Program Success	3. Final Semi-annual Progress Reports – Due 7/18/08 4. Completed checklist of any of the six (6) Success Story categories (see Deliverable 1.05) – Due 8/15/08 5. Written Success Story based on completed checklist (see Deliverable 1.06) – Due 12/15/08	Yes Yes No	Success story was not selected for write up. Staff submitted a revised checklist on 12/30/08 that focused on chlorpyrifos and diazinon in Beardsley Wash (Reach 5 of Calleguas Creek), where we expect to show measurable reductions in the future through the Ag Waiver program and implementation of 319, Prop 13, and Prop 50 grants.
b. Information Exchange/Outreach	1. Actively participate in one (1) monthly phone call and one quarterly RT by sharing regional success, problem, or activity. - Ongoing 2. Attend at least 2 subcommittee meetings – As needed	Yes N/A	No subcommittee meetings this period.
c. Contract/Grant Proposal Development and Review	4. Participate in development of Request for Proposal (RFP) documents for SWRCB consolidated grants program - TBD 5. Coordinate with potential project proponents in developing CWA 319 project proposals - TBD	Yes Yes	
d. Nine Elements	1. During grant application reviews, review and confirm that the 9 elements of a watershed plan listed as part of the grant application are accurate and complete.	Yes	Staff reviewed, but could not confirm that 9 elements were accurate and complete.
e. Measure W	1. Indicate how the Region is working towards attaining and documenting attainment of the US EPA Strategic Plan Watershed Sub-objective Restoration and Improvement Strategic Measures (“Measure W”) for those High Priority Watersheds in your Region (e.g.; Santa Clara River and Calleguas Creek). – Due 06/09	Yes	
f. Critical Coastal	1. Participate in Critical Coastal Area (CCA) committee	N/A	No CCA meetings this period.

Areas	meetings (via telephone) and provide deliverables as assigned by the CCA committee as needed. - Ongoing		
<u>Deliverables due this reporting period:</u>			
1.03 CWA 319 semi-annual progress report (Jan-Jun 2008) (Subtask 1.a3) 1.05 Completed Success Story checklist (Subtask 1.a4) 1.06 Completed Success Story (Subtask 1.a.4)			
Major achievement this reporting period: The major achievement in program coordination was compiling information to document water quality improvements in Measure W watersheds and submitting a revised success story checklist to focus on a waterbody that could demonstrate measurable reductions in NPS pollution.			
Environmental benefit expected or achieved: Reduction of NPS pollution from agricultural runoff in Calleguas Creek watershed.			

Task 3: Agricultural Water Quality/Discharge Control Efforts			
Subtask	Milestones	On Task (yes/no)	If no, discuss obstacles and problems encountered; list any modifications to milestones
a. Education and Outreach	3.a.1 1) Growers completing WQ education classes (goal: increase from 90% to 100% enrolled acreage has representative complete education in Ventura County. Increase from 20% to 40% enrolled acreage has representative complete education in Los Angeles County) - Ongoing	Yes	Staff approved 13.5 hours of education credit covering topics such as food safety and plant pathology. We also approved agriculture BMP/water quality management videos as an education credit method for new enrollees in the waiver program. This method will be used when classroom workshops are not available. In Ventura County, there was not a percentage increase in the enrolled acreage with

			<p>representative complete education. This was because we increased the number of acres enrolled and new members have not yet completed all the required education requirements.</p> <p>In Los Angeles County there are very few education workshops available and so it has been difficult for growers to meet the education requirements. Staff has tried to encourage workshops; for example, there will be 2 workshops located in LA County as part of the grant agreement in the upcoming 319 grant for UC Cooperative Extension. This is an area of continued effort by staff.</p>
	2) Develop database to track outcomes – Due 06/09	Yes	
	3) Conduct LA County Ag Waiver workshops (1-2 workshops) - Ongoing	Yes	
	4) Increased enrollment of growers in LA County (~25-50 new enrollees) – Due Fall 2008-Spring 2009	No	While we are not on pace to add 25-50 new enrollees, 3 nurseries have joined the NGA – Irrigated Lands Group as a result of the NOV's issued to Los Angeles County nonfilers. In addition, 16 vineyards joined this group due to revocation of the vineyards group (see 3.a.4.)
	3.a.2.		
	1a) EO reports summarizing coordination efforts. (1-2, 1-page reports)	Yes	
	1b) Information item presented at Regional Board hearing	No	Staff has been working on additional enforcement projects in Ventura County to

			encourage equal participation in the waiver and has had less time to prepare an information item, but has kept the Board updated. Staff intends to bring an information item to the Regional Board later in 2009.
	2) Staff meetings and updates as needed	Yes	
b. Water Quality Monitoring and BMP implementation	1) Review of year 2 monitoring reports - due 02/09	No	The due date for annual monitoring reports was changed from December 2008 to February 2009 to accommodate additional samples during the rainy season. Staff's review of monitoring reports is thus pushed back 2 months.
	2) Review of discharger's annual monitoring report. Create tables, graphs, maps etc to analyze data and document baseline conditions. – Due 12/08	Yes	
	3) Provide comments on draft WQMPs and approve final WQMPs – Due 09/08	Yes/No	Staff provided extensive comments on draft WQMPs and has been working with groups to prepare adequate final WQMPs. Staff expects to approve the final WQMPs in early 2009.
	4a) Formal and informal meetings and discussions with discharger groups and growers, site visits as needed – Due 12/08-06/09	Yes	
	4b) Develop database to track BMP implementation – Due 06/09	Yes	Discharger groups are developing databases to track implementation and will provide us with summaries. In the Calleguas Creek watershed,

	5) Annual report from vineyards group. Stakeholder meetings as necessary – Due 01/09	No	<p>staff will track progress of the Measure W watersheds and will be working with VCAILG, CCW, and EPA to create a GIS platform to track implementation and water quality improvements</p> <p>Staff reviewed the first year's monitoring report and revoked the alternative monitoring requirements (i.e., IPM) for the vineyard group. Members of the vineyard group have now joined the NGA group, which will add two vineyard sites to its 2009 sampling plan.</p>
c. Notice to Comply, Notice of Violation, and Enforcement	1) Issue approximately 700 NOV letters in Los Angeles County – Due Summer and Fall 2008	Yes	
	2) Track enforcement actions in database –Due Summer and Fall 2008	Yes	Based on information obtained in response to the NOVs, staff rescinded 172 NOVs in Los Angeles County and updated our database with correct land use information. In Ventura County, in response to the NOVs issued last fiscal year, staff has rescinded 74 NOVs and approximately 140 growers have joined VCAILG. There are approximately 200 unresolved NOVs – from this subset staff is following up with continued enforcement
	3) Follow up and outreach to approximately 500 nonfilers in LA county through phone calls, letters, site visits, and workshops – Due 06/09	Yes	Staff has responded to approximately 400 phone calls and numerous e-mails with additional information and assistance. In Los Angeles, there are still approximately 525 unresolved NOVs. This is an area of continued effort by RB staff.

d. Enrollment of Individual Discharger	1. Conduct stakeholder meetings – As needed	Yes	Staff has reviewed NOIs and is currently following up with phone calls and written correspondence to growers. Of 12 growers that submitted incomplete NOIs, staff has followed up with 10 and either closed the file or the grower joined a group. Of 45 growers that submitted completed NOIs, but incomplete MRPs and QAPPs, staff is following up in sets of 10 until all cases are resolved. From the first set of 10, 3 cases have been resolved by growers joining a group. One grower (Bordier’s Nursery) has submitted a MRP/QAPP, and staff is currently working with this grower to improve these documents in order to issue an NOA. Staff expects to complete this task in the second half of this fiscal year.
	2. Review enrollment documents – Summer 2008	Yes	
	3. EO issue NOA. Enroll ~ 250 – 300 acres under the individual waiver. – Due Winter 2008	No	
Deliverables due this reporting period:			
3. Summary of annual monitoring report and WQMPs from Discharger Groups (subtask 3.b)			
5. Summary of NOAs issued to Individual Discharger (subtask 3.d)			
Major achievement this reporting period: Discharger groups submitted draft annual water quality monitoring reports, which needed a lot of revisions. Staff worked diligently with groups to revise these reports, and expects to improve the second draft WQMPs in the second half of this fiscal year.			
Environmental benefit expected or achieved: Improved long-term water quality through widespread implementation of agricultural management measures: education, irrigation management, pesticide management, nutrient management and erosion control.			

Task 4: Atmospheric Deposition Control			
Subtask	Milestones	On Task (yes/no)	If no, discuss obstacles and problems encountered; list any modifications to milestones
Air deposition load allocations for Port of LA and LB TMDLs	1-a) Attendance of other agency staff at TMDL development and implementation meetings. - Due 09/08 1-b) Establish air quality working group for Port of LA and LB TMDL – Due 10/08	No	Work on TMDL is suspended due to loss of TMDL staff.
	2-a) Study Final Report – Due 09/08 2-b) Discuss results at Port of LA and LB TMDL TAC meeting – Due 09/08	No	Work on TMDL is suspended due to loss of TMDL staff.
	3a) Stakeholder meeting to discuss load allocations – Due 10/08 3b) Write load allocations section of TMDL staff report – Due 01/09	No	Work on TMDL is suspended due to loss of TMDL staff.
	4) Identification of management activities which will reduce air deposition loadings to Port Include discussion of management activities in implementation section of TMDL staff report – Due 02/09	No	Work on TMDL is suspended due to loss of TMDL staff.
	5) Adopt TMDL – Due Spring 2009	No	Work on TMDL is suspended due to loss of TMDL staff.
b. Air emitter facility data assessment.	1) Review 11 modeling reports and follow up with 4-5 facilities. – Due 10/08	No	Reports were reviewed and follow up letters drafted, but letters were delayed due to writ of mandate preventing work on stormwater related issues. Writ has since been revised and letters will be sent in early 2009.
	2) Develop load reduction strategy – Due 12/08	No	Staff is comparing results from refineries' air deposition report (submitted 10/9/08) with other facilities' results in order to develop

	3) Identification of TMDLs in development which have an air deposition component. - Ongoing	Yes	load reduction strategies for atmospheric deposition of metals in TMDLs. Staff has met internally to discuss strategies but joint NPS/TMDL work is suspended due to loss of TMDL staff.
	4&5)Development of standard assessment techniques or allocation methods to deal with air deposition in TMDLs - Ongoing	Yes	Ongoing, but not finalized due to loss of TMDL staff.
d. Citizen concerns	Updates to citizen groups on actions taken. Inclusion of concerned groups in TMDL development plans - Ongoing	No	Meetings or communications with citizen groups to discuss TMDL are suspended due to loss of TMDL staff.
<u>Deliverables due this reporting period:</u>			
4.01 Summary review of SCCWRP final report (subtask 4.a -2-a)			
4.04 Review/summary of data (subtask 4.b-1)			
4.05 Draft load reduction strategy document (subtask 4.b-2)			
4.06 Draft guidance on assessment of air deposition for TMDLs (subtask 4.b- 4&5)			
Major achievement this reporting period: The major achievement of this period was comparing the refineries air emissions estimates with other facilities' estimates and regional air deposition estimates.			
Environmental benefit expected or achieved: Improved water quality by reduction of air deposition contribution of pollutants to waterways.			

NPS Program Summary

Great strides were made this reporting period to stay on schedule with all tasks. However, the Sulphur Creek Mercury and Sediment Reduction grant is deviating from their original SOW and will most likely experience some time setbacks. Internal program coordination between the three offices has really been a success and is continuing to become a standard operating procedure for projects. Watershed technical assistance has continued to be a major part of our NPS work to restore impaired waters.

Task 1: NPS Program Coordination

Subtask	Milestones	On Task (yes/no)	If no, discuss obstacles and problems encountered; list any modifications to milestones
a. Evaluate Program Success	6. Draft 319 workplan for FY 08-09. 7. Draft semi-annual progress report 8. First draft circulated	Yes	
b. Information Exchange/Outreach	2. Actively participate in one monthly phone call and one quarterly RT by sharing regional success/problem/activity. 3. Attend at least 2 conference planning mtgs/calls. 4. Attend at least 2 subcommittee mtgs.	Yes	
c. Contract and Grant Review	Participate in grant review process to ensure that contracts awarded to projects within the region reflect regional priorities.	Yes	
<u>Deliverables due this reporting period:</u>			
Major achievement this reporting period:			
Environmental benefit expected or achieved:			

Task 2: 319 Project Management

Contract Number Project Name	Milestones/Products/ Outcomes 6/08 to 12/08	GRTS data current (yes/no)	Contract on Schedule (yes/no)	If no, discuss obstacles and problems encountered
XXXXXXXXX	Erosion prevention that will reduce mercury and sediment delivery to	No	No	A Deviation Request reflecting the

Sulphur Creek Mercury and Sediment Reduction Gen	Cache Creek by addressing erosion along 23 miles of roads and 16.5 miles of blue-line streams in the Sulphur Creek watershed.			modified budget and project scope has been submitted to DFA and is pending. A response is expected by the end of January 2009. A Draft Grant Agreement has not been signed yet.
04-310-555-0 Environmentally Responsible Management Practices for Tree Crops in the Feather River Diane	<ol style="list-style-type: none"> 1. Prepare GIS map of annual use of targeted pesticides in watershed- annually each September; 2. Create outreach plan with maps of high and low use areas (overdue, expect in FY07); 3. Conduct interviews with community leaders, local farmers and service providers to identify barriers to an effective outreach program –Report annually; 4. Conduct one-on-one and small group meetings- Report annually; 5. Prepare fact sheets, video and audio PSAs in English and Punjabi –Report annually; 6. Establish demonstration sites for BMP installation (overdue, expect in FY07); 7. Complete QAPP and monitoring plan. 	No	<ol style="list-style-type: none"> 1. Yes 2. Yes 3. Yes. 4. Yes. 5. Yes. 6. Yes. 7. Yes 	
Major achievement this reporting period:				

Task 3: Coordination of Salinity Policy Development

Subtask	Milestones/Products/ Outcomes 6/08 to 12/08	On Task (yes/no)	If no, discuss obstacles and problems encountered; list any modifications to milestones
1. Public Participation	<ol style="list-style-type: none"> a. Maintain the CV-SALTS webpage b. A record of each presentation will be made (cd, pdf and/or hard copies of any handouts). These will be made available on the webpage if network capacity allows c. Formation of a stakeholder salinity management group is a major achievement of staff participation in a. & b. Staff will continue activities a & b to encourage increased stakeholder involvement and conduct collaborative basin planning d. List of grant-funded projects assigned to GMs in this office addressing salinity and posting of information related to the grants on the Board's website 	<ol style="list-style-type: none"> a. yes, b. yes, c. yes, d. no 	d. Existing grants are in their final stages (most end midyear 2009) and we are not anticipating a new influx for awhile. When /if the next round of proposal reviews is assigned, we will begin tracking grant-funded projects with a salt tie-in.
2. Internal coordination	<ol style="list-style-type: none"> a. Coordinate internally between the three Central Valley offices with other programs to effectively utilize resources and existing project efforts. 	a. yes, b. yes	

b. Track permits and orders (WDRs and waivers) updated to address salinity concerns		
Major achievement this reporting period: Formation of the Central Valley Salinity Coalition (see www.cvsalinity.org)		
Environmental benefit expected or achieved: : regional salinity & nitrate management (planning and research to be completed within 5 years, basin plan amendments to be completed year 6, implementation projects begin year 7)		

Task 4: Clear Lake Consolidated Mercury and Nutrient Total Maximum Daily Load (TMDL) Implementation			
Subtask	Milestones/Products/ Outcomes 6/08 to 12/08	On Task (yes/no)	If no, discuss obstacles and problems encountered; list any modifications to milestones
a. Lake TMDL Stakeholder Group	Draft monitoring and implementation plan	Yes	
	Final monitoring and implementation plan	Yes	
b. Monitoring, Assessment & Implementation Coordination	Monitoring programs will be coordinated.	Yes	
	Refine nutrient and mercury load estimates	Yes	
c. Watershed assessments and management plans.	Draft assessment and plan.	Yes	
Major achievement this reporting period: Completion of Monitoring and Implementation Plan and Memorandum of Understanding between responsible parties and non-responsible parties in the region has been finalized.			
Environmental benefit expected or achieved: Now that the monitoring and implementation plan are complete, implementation can begin to control erosion, thereby reducing mercury and nutrient inputs to Clear Lake.			

Task 5: Wetlands Assessment and Management Practice Implementation			
Subtask	Milestones/Products/ Outcomes 6/08 to 12/08	On Task (yes/no)	If no, discuss obstacles and problems encountered; list any modifications to milestones
a. Develop program manual	1. Outline Wetland Program	Yes	
	2. Draft Wetland Program Manual	Yes	

	3. Final Wetland Program Manual	Yes	
Major achievement this reporting period: Initial Outline of Wetland Program completed.			
Environmental benefit expected or achieved: Internal program coordination to share BMP effectiveness.			

Task 6: Watershed Support

Subtask	Milestones/Products/ Outcomes 6/08 to 12/08	On Task (yes/no)	If no, discuss obstacles and problems encountered; list any modifications to milestones
1. Education and Outreach	Ongoing support of approximately 50 watershed programs. Assist in planning and attending watershed/ BMP workshops; management plans and monitoring reports. a. Summary of projects implemented in northern region between 1987 and 2008 b. Summary of Watershed Assessments and Management Plans completed by 2008	Yes	Summaries of projects, assessments and management plans are under development.
2. Project Implementation	Stream restoration project technical support mtgs, 1. Summary of ongoing projects 2. Ranch Plans 3. Status of NPS grazing program	Yes	Summaries of projects are under development. Grazing program is being developed as part of the irrigated lands program.
3. Intra-agency Coordination	Coordination meetings	Yes	
4. Inter-agency Coordination	Coordination meetings	Yes	

Achievements and activities this reporting period: Technical assistance on the following:

Watershed Assessment – Lower Feather River/Honcut Watershed

- Fall River/Burney Cr/Hat Cr
- Upper Sacramento River Watershed
- Tehama East Watersheds

Watershed Management Plans

- Fall River/Burney Cr/Hat Cr
- Lower Stony Creek Watershed Restoration Plan
- Shasta West Watersheds Management Plan

	<ul style="list-style-type: none"> - Churn Stillwater Watershed Action Plan
Completed and Ongoing	Stream Improvement Projects – Upper Feather Watershed (Silver Cr, Long Valley Cr, Boulder Cr, Smith Cr, Lt. Last Chance Cr)
	<ul style="list-style-type: none"> - Cow Creek Watershed (Bassett Ditch Fish Bypass, Millville Water Diversion replacement feasibility) - Big Chico Creek channel and floodplain enhancement projects (Verbena and Bidwell)
Coordination Meetings –	SRWP Workshop on a Sac Watershed Regional Monitoring Program
	<ul style="list-style-type: none"> - Participation in a community meeting on the completion of the UC Coop. Ext. Prop 50 grant for the Upper Feather River (monitoring program and ranch BMPs) - Numerous partner agency and public outreach meetings regarding a wide range of NPS watershed activities
Additional watershed NPS support and activities:	
	<ul style="list-style-type: none"> - Project development - Monitoring - Non commercial animal keeping practices - Exotic invasive plant and animal control - Off high way vehicle erosion control - Power line easement erosion control - Shooting range erosion control - Diversion structure improvements - Instream flow enhancement projects - Complaint response
Environmental benefit expected or achieved: : Improved watershed conditions with expected enhanced habitat and reduction in pollutant loads including sediment, nutrients, pathogens, temperature, salt and pesticides.	

NPS Program Summary of Activities for Six Month Period July 2008 to December 2008

During the six-month period for July 2008 to December 2008, staff participated in the development of project guidelines and concept proposal selection for the CWA 319 projects. Two existing 319 projects were completed and will be ready to close in the next six-month reporting period. Two projects selected for funding in 2008 were assigned managers and have grant agreements under negotiation. Staff participated in six outreach events focusing on watershed health (water quality, forest stewardship, wetland protection, landscape practices.) Inspections/sampling at a pack station and grazing allotment (both on USFS lands) were completed. Staff trained a group of American and international students in field sampling and laboratory bacteriological methods and met with local ranchers to discuss grazing management practices. The first season of monitoring under the Bridgeport Valley Grazing Waiver is completed with presentation of data scheduled for March. Staff completed In-house sampling and analysis of fecal coliform and will develop a recommendation to delist three Lake Tahoe Basin waterbodies. All these waterbodies had a grazing land use discontinued as a result of Water Board enforcement action. Staff reviewed and commented on 31 USFS projects and completed site visits/inspections of 22 USFS new or existing projects. Staff held public workshops throughout the Region on proposed revisions to the Timber Waiver. Staff reviewed and commented on two Travel Management Plans developed by two National Forests.

Task 1: NPS Program Coordination To improve the overall NPS Program (Program), this task organizes the program infrastructure and provides for information exchange among the Regional and State Boards and other State agencies to assess Program activities, target efforts, plan activities based on Program goals and objectives, coordinate the efforts of federal, State, and local agencies and stakeholders, implement coordinated actions, track and monitor the results of implemented actions and reporting on Program results.

Subtask	Milestones 7/08 to 12/08	On Task (yes/no)	If no, discuss problems encountered
a. Evaluate Program Success	<ol style="list-style-type: none"> 1. Develop Annual Workplan 2. Complete final progress report for FY 06-07 3. Complete semi-annual progress reports on 319 workplan activities for 01/08-6/08 & 7/08-12/08 4. Write an annual Success Story 5. Assist in development of NPS Program 5 Year Plan 	no	Success story delays due to holdup from data analyses.
b. Information Exchange/Outreach	<ol style="list-style-type: none"> 4. RT and monthly phone calls – participate in quarterly RT and monthly phone calls to keep updated on statewide policies and programs and to coordinate regional and statewide strategies to reduce NPS pollution. <ol style="list-style-type: none"> a. Present Success Story at RT 5. 2008 NPS Biennial Conference – NPS staff will participate in bi-weekly planning meetings until conference 6. IACC and subcommittee participation – periodic attendance (by telephone) at Wetland, Boating, and Forestry subcommittee meetings 	yes	
c. Contract/Grant Proposal Development and Review	<ol style="list-style-type: none"> 1. Participate in development of Request for Proposal (RFP) documents for SWRCB consolidated grants program 2. Coordinate with potential project proponents in developing CWA 319 project proposals 3. Participate in grant review process to ensure that contracts awarded to projects within the region reflect regional priorities. 	yes	

Contract/Grant Number Project Name	Milestones/Products/ Outcomes 7/08 to 12/08	Contract on Schedule	If no, problems encountered
04-082-556 Indian Creek Reservoir Freshwater Delivery	Project Completed and Contract Closed.	yes	
04-239-556 Revegetation and Erosion Control for Ski Areas	Final grant products reviewed and final invoice submitted for payment. Contract closure pending.	yes	
05-118-556-0 Early Implementation of the Truckee River Total Maximum Daily Load (TMDL)	Reviewed progress reports and invoice. Coldstream Pond Restoration task and all other tasks are complete. Awaiting the final report and final invoice for this project.	yes	
06-244-556-0 Indian Creek Reservoir TMDL Implementation	Reviewed progress reports and invoices. Construction of Hypolimnetic Oxygenation system is 85% complete. In-Lake system start-up and de-bugging expected in April. Water quality/system effectiveness monitoring to continue throughout.	yes	
08-604-556 Homewood Watershed Improvement and TMDL Implementation	Project selected for funding. Grant Manager selected. Grant agreement development underway.	yes	
08-607-556 Lake Tahoe BMP Implementation and Effectiveness	Project selected for funding. Grant Manager selected. Grant agreement development underway.	yes	

Task 3: Outreach, Education, Technical Assistance, Watershed Support Provide information and support to members of the public regarding non-point source issues: lasting solutions to nonpoint source pollution are often at watershed, regional or multi-regional scales. Using outreach, education and technical assistance as tools enable Regional Board staff to learn from stakeholders, can lead to innovative and unexpected solutions, counteract misinformation, promote buy-in from all sides to expedite solutions, avoid litigation, build relationships, increase trust and cooperation for present and future projects, expand funding and resource base for projects.

Subtask	Milestones 7/08 to 12/08	On Task (yes/no)	If no, problems encountered
a. Education and Outreach	Participated in Lake Tahoe Science Day and Wetlands Festival (7/08); City of South Lake Tahoe Parks and Recreation Environmental Day (7/08) Lake Tahoe Forest Stewardship Day (8/08); Lake Tahoe Community College Experimental Garden Committee (8/08); South Lake Tahoe High School Freshman Seminar Environmental Science Career Day (10/08); Lake Tahoe Environmental Science Magnet School River Day (10/08)	yes	

Task 4: Grazing Grazing activities are identified as a source of impairment for approximately 30 waters on the Region's 303(d) list (listed for sediment, nutrients, pathogens and/or habitat alteration.) With the 2004 adoption by State Board of the Policy for Implementation and Enforcement of the Nonpoint Source Pollution Control Program, only waste discharge requirements, conditional waivers or discharge prohibitions are the legally permissible tools to regulate NPS pollution. Thus, changes to the 1995 Rangeland Water Quality Management Plan are needed (e.g. strictly voluntary compliance with water quality standards is not authorized.) Regional Board staff is coordinating with State Board staff to achieve consistency between the Rangeland Plan and the NPS Enforcement Policy. These efforts will not likely result in a statewide grazing waiver or general WDR. Regional Board staff is working to develop a region-specific program (grazing waivers and/or general WDRs) on a watershed-by-watershed approach, starting with the Walker River watershed as a priority (since water bodies in the watershed are 303(d) listed for bacteria). Staff reported to the Regional Board in October 2006 and received direction to bring a grazing waiver to the Board for its consideration by June 2007

Subtask	Milestones 7/08 to 12/08	On Task (yes/no)	If no, discuss problems
a. Intra-agency Coordination	Frontier Pack Station, Inyo National Forest was inspected in November 2008, photos were taken of manure discharges to land outside of the pack station, with a follow-up call to USFS hydrologist. Coordinated with the US Forest Service Lake Tahoe Basin Management Unit (LTBMU) for water quality sampling of fecal coliform and <u>E. coli</u> by Lahontan staff within the Baldwin grazing allotment (near Tallac Creek).	yes.	
b Outreach	Lead the Tahoe-Baikal student project in July in which a group of American and international students trained in field sampling and laboratory bacteriological methods and met with local ranchers to discuss environmentally-responsible grazing management practices.	yes	
c. Project Implementation	<p>First season of monitoring under the Bridgeport Valley Grazing Waiver is complete. Presentation of data scheduled for March.</p> <p>Sampled and analyzed fecal coliform and <u>E.coli</u> in four 303(d)-listed waterbodies in the Lake Tahoe Basin. Analysis of Lines of Evidence (LOE) resulted in the recommendation for delisting of Big Meadow Cr., Trout Creek below Highway 50, and the South Upper Truckee River above Christmas Valley, for the upcoming triennial review.</p> <p>Developing a new Interagency Agreement to compare concentrations of <u>E. coli</u> and Fecal Coliform in natural waters of the Lahontan Region</p> <p>Developed and advertised for project to track sources of bacteria from agricultural sources and implement Ag BMPs on select watershed(s) identified as priority sources</p>	yes	
Major achievement this reporting period: .In-house sampling and analysis of fecal coliform developed LOEs to recommend delisting three Lake Tahoe Basin waterbodies. All these waterbodies had a grazing land use discontinued as a result of Water Board enforcement action			
Environmental benefit expected: Water Board staff can focus resources on waterbodies that have current rather than historic impairment.			

Task 5 Federal Timber Sales and Fuel Reduction Project Review: In 1981, the State Water Board) certified a plan entitled "Water Quality Management for National Forest System Lands in California" that was developed and submitted by the United States Department of Agriculture, Forest Service (US Forest Service), designated the US Forest Service as the Water Quality Management Agency (WQMA) for specified activities on National Forest System lands in California that may result in nonpoint source discharges, including timber management, vegetative manipulation, fuels management, road construction and watershed management; and executed a Management Agency Agreement (MAA) with the US Forest Service for the purpose of implementing the certified plan and WQMA designation. The MAA contemplates that the Regional Water Quality Control Boards will waive issuance of waste discharge requirements for US Forest Service timber harvest projects that may result in nonpoint source discharges, provided that the US Forest Service designs and implements its projects to fully comply with State water quality standards. In 2003, the Regional Board adopted a conditional waiver of waste discharge requirements for discharges related to timber harvest activities. In February 2007, the Regional Board renewed and updated the waiver for a five-year period.

Subtask	Milestones 7/08 to 12/08	On Task	If no, problems
a. Environmental Review	Staff reviewed and commented on approximately 31 USFS projects that are in the planning and implementation phase. These projects were in the Lassen, Tahoe, Lake Tahoe Basin, Toiyabe, Inyo, Modoc, Plumas, and San Bernardino National Forests. Significant collaboration with the USFS on document development so that the environmental documents can satisfy both CEQA and NEPA.	yes	
b. Waiver compliance	Compliance is still varied and improving. Continued communication and coordination with the USFS staff to help them better understand the Regional Board staff role in forest management for water quality protection. As part of the process of revising the existing Timber Waiver, Water Board staff held public workshops region-wide, including: Susanville, Truckee, Kings Beach, South Lake Tahoe, Bishop, and San Bernardino.	yes	
c. Conduct inspections	Staff completed site visits and inspections for at least 22 new or existing projects. These projects were in the Lassen, Tahoe, Lake Tahoe Basin, Toiyabe, Inyo, Modoc, and San Bernardino National Forests.	yes	
Major achievement this reporting period: Staff reviewed and commented on 31 USFS projects and completed site visits/inspections of 22 USFS new or existing projects. Staff held public workshops throughout the Region on proposed revisions to the Timber Waiver.			
Environmental benefit expected: Protection of waters from impacts of timber harvests on federal lands.			

Task 6: Federal Land Recreation Management: Nationwide, all federal forests are required to prepare Travel Management Plans for trails and road expansions, improvements, closures and maintenance. Trails and/or roads used by humans, vehicles, horses and other pack animals are included. All or parts of seven forests are in the Lahontan Region (Modoc, Lassen, Plumas, Tahoe, Tahoe Basin Management Unit, Humboldt –Toiyabe and Inyo.) Staff will review Travel Management Plans from these seven forests to ensure compliance with the Lahontan Water Quality Control Plan (Basin Plan). Potential issues include bacteria/pathogens, sediment, fish passage, and meadow restorations. Staff will also review other federal plans (not related to timber or grazing) such as Recreation Plans and Pack Station Plans

Subtask	Milestones 7/08 to 12/08	On Task (yes/no)	If no, discuss obstacles and problems encountered
Environmental Review	Staff reviewed and commented on two Travel Management Plans developed by the Tahoe (EIS) and San Bernardino (EA) National Forests. The remaining six Forests' draft plans are expected to be received & reviewed in late January, March, and May of this year.	no	USFS National Forests (Humboldt-Toiyabe, Inyo, Lassen, LTBMU, Modoc, & Plumas) are still late in completing the plans. The Plans will continue to be reviewed as they come in during the next six month reporting period.
Major achievement this reporting period: Staff reviewed and commented on two Travel Management Plans developed by the Tahoe (EIS) and San Bernardino (EA) National Forests.			
Environmental benefit expected: Protection of waters from impacts of roads, trails and recreation on federal lands.			

NPS Program Summary

Region 7's NPS Program focuses on TMDL implementation in the Salton Sea watershed, our Priority Watershed. Our 319(h) grant program supports the TMDL implementation efforts.

Task 1: NPS Program Coordination

Subtask	Milestones	On Task (yes/no)	If no, discuss obstacles and problems encountered; list any modifications to milestones
a. Evaluate Program Success	9. Submitted draft NPS 5-Yr Plan.	yes	
b. Information Exchange/Outreach	5. Participated in monthly conference calls. 6. Participated in the joint NPS/TMDL Meeting in San Diego, Aug. 2008 7. Coordinated with Imperial County Farm Bureau (ICFB) on 319(h) Grant Concept Proposal Application as well as Full Proposal Application.	yes	
c. Contract and Grant Review	Participated in reviews to ensure that grants/contracts awarded to projects within the region reflect regional priorities.	yes	
<u>Deliverables due this reporting period:</u>			
Major achievement this reporting period: In November 2008, Division of Financial Assistance released its Invite Back List that included ICFB's "Voluntary TMDL Compliance Program" project application (PIN 14839). Additionally, in July 2008, the State Water Resources Control Board selected Imperial Irrigation District's (IID) Prop 50/84 Grant project titled "Precision Drain Cleaning BMP Plan" for \$900,000 in funding (PIN 11016).			
Environmental benefit expected or achieved: Imperial County Sediment TMDL goals are being met.			

Task 2: 319 Project Management				
Contract Number Project Name	Milestones/Products/ Outcomes 07/08 to 12/08	GRTS data current (yes/no)	Contract on Schedule (yes/no)	If no, discuss obstacles and problems encountered
Voluntary TMDL Compliance Program 06-287-557-0	Conducted on-farm consulting services (landowner access agreements, field visits, determine causes of erosion, assist with farm water quality management plans, identify/develop/modify on-farm BMPs). Update and maintain program website.		Yes	
Agricultural Management Practices for Phosphorous Reduction in the Salton Sea Watershed 04-127-557-1	Work performed this period included irrigation of alfalfa fields, and analysis of runoff water for P, as well as NO3, EC, and sediment. Project has been completed, Grantee has been reimbursed, and the Contract is closed out.		Yes	
Nutrient Control of Agricultural Runoff Water 04-126-557-2	An evaluation of elephant grass and Sudan grass as an effective biofilter, in controlling ground and surface water contamination when irrigated with significant amounts of excess nutrients from dairy effluent and municipal wastewater, was conducted. Results will be available next quarter.		Yes	
Major achievement this reporting period: US EPA staff and Regional Board staff met with the Imperial County Farm Bureau on 12/17/08 to a.) Provide feedback on the 319(h) Grant Concept Proposal Application, and b.) Tour the current Grant Project area with the TMDL On-Farm Consultant.				

Task 3: Sediment TMDL Implementation			
Subtask	Milestones 07/08 to 12/08	On Task (yes/no)	If no, discuss obstacles and problems encountered; list any modifications to milestones
Coordinate with ICFB to implement Voluntary TMDL Compliance Program	Thirty six site visits made by the On-Farm Consultant to evaluate and make recommendations for improvements. Follow-up visits were made.	Yes	
TMDL Compliance Monitoring	Monthly Sediment TMDL Implementation monitoring for the Alamo and New Rivers at a total of ten locations. Water quality datasets for total suspended solids (TSS) and turbidity are being reviewed and will be available in the next report.	Yes	Lack of a State budget, and maintaining a lab contract have been issues in this region.

Management/Oversight of Tracking Program	Reviewed reports and data submitted by ICFB and IID to comply with TMDL requirements (IID's Revised Drain Water Quality Improvement Plan Quarterly Reports.) Corresponded and met with ICFB and IID staff as needed regarding the adequacy of their reports and data. Attended monthly Drain Maintenance Committee meetings.	Yes	
Enforcement	No enforcement actions were taken during this reporting period.	Yes	
Reporting to Regional Board	Reported to Regional Board members via memos and at Regional Board meetings.	Yes	
Deliverables due this reporting period:			
ICFB Voluntary TMDL Compliance Program, Voluntary BMP Effectiveness Monitoring Documentation			
Major achievement this reporting period:			
Environmental benefit expected or achieved: Most sampling locations on the New River, Alamo River, and major agriculture drains are already in compliance with Sediment TMDL Phase 2 numeric targets. Data for Phase 2 targets of 240 mg/l TSS for the Alamo River, 213 mg/l TSS for the New River, and 282 mg/l TSS for the Imperial Valley Drains, is being assessed by Regional Board staff.			

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Task 1: NPS Program Coordination—319 h, 2008-2009 1st Annual PR (7/1/08 – 12/31/08)

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Description: To improve the overall NPS program, this task organizes the program infrastructure based on the updated NPS Program Plan and focuses information exchange among the Regional and State Boards and other State agencies.

Outcome: To build a cohesive statewide program by focusing on baseline 319(h) workplan activities.

FY 08-09 Objectives: The purposes of NPS Program Coordination are to build a cohesive statewide program and to highlight near term successes.

Subtask	Status of Performance Target	Milestones/Significant Products
a) Report progress on NPS activities	July – December 2008 Progress report has been completed. Obstacles encountered include reduced NPS allocations and increased overall work load for NPS staff, resulting in delays in completing program reports. Environmental Benefit includes management of the NPS Workplan to ensure NPS benefits.	Coordination with multiple staff in order to develop report. Timely submittal of Progress Report. Approval of Progress Report.
b) Update the 2nd NPS 5-year implementation plan database	Region 8 continues to work on making progress on the wetlands portion of the second 5-year implementation plan. Region 8 staff has successfully completed a grant from USEPA for work that will contribute to revision of our basin plan to include protective measures for wetlands. The final report has been posted on the Region 8 NPS website. Region 8 staff continues to actively participate in regional efforts to protect and restore wetlands including development and implementation of the California Rapid Assessment Method (CRAM) for assessing wetland conditions.	Final Report completed. USEPA project completed. Press release finalized and released.
c) Participate on the NPS Interagency Coordinating Committee (IACC)	Region 8 staff has continued to participate with the NPS Interagency Coordinating Committee. Staff regularly participates in the IACC Marinas group and Copper subgroup. Continued participation in these groups is expected. This IACC participation enables Region 8 staff to provide scientific and regional input related to statewide issues addressed by the IACC, adding value and quality to IACC efforts. Region 8 NPS staff continues to provide input to wetland recovery projects that restore coastal wetlands, including development of the CRAM. NPS staff has also been involved in work to include Los Cerritos (Seal Beach) wetlands, associated with the San Gabriel River mouth, and Huntington Beach wetlands, associated with Talbert and Huntington Beach channels, in the Basin Plan.	Please see i. below.

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d) Participated in quarterly NPS Program Roundtables and monthly conference calls	Region 8 staff has continued to participate in quarterly NPS Roundtable meetings and the monthly NPS Roundtable conference calls. Environmental benefit includes information sharing across Regional Boards and SWRCB. This included attendance and participation in a 2-day, joint roundtable with the TMDL program in September 2008. Updates to USEPA are included as well. This information sharing keeps us knowledgeable, on the same page Statewide with respect to NPS issues, and better able to initiate worthwhile efforts in the NPS arena.	Information sharing, NPS Implementation and Enforcement efforts discussed with other regions.
e) Assist in the grant project proposal solicitation and grant project management processes	Region 8 staff have conducted outreach to Region 8 stakeholders in order to assist and provide guidance in the project proposal solicitation process for the 319(h) grant cycles. Staff has also participated in ensuring that the Regional Boards have a say in reviewing projects in Region 8. Staff participated in reviewing and coordinating with regional boards and SWRCB in the Prop. 84 ASBS grant proposal selection process. Staff participated in the process to review 319(h) grant proposals and to select projects for FY 2008-2009 grant awards, and continues to coordinate implementation of other NPS grant projects.	Meetings with Stakeholders. Participation in the proposal development process. Attend grant information meetings. Grant agreement development with the grantee, Region 8 staff, and SWRCB.
f) Develop Annual Workplan	Region 8 staff continues to participate in development of the workplan, , primarily through work to implement the NPS Compliance and Enforcement Policy. The proposed 1 st phase of a Region 8 conditional waiver for agricultural discharges (CWAD) program will be the near-term outcome of this effort. The main obstacle is insufficient staff resources necessary to work on the CWAD program while still carrying out other NPS and other program responsibilities.	Workplan development.
g) Write a 319 project success story	Regional Board staff coordinated in the selection of a potential candidate project for the FY 2008-2009 success story.	Coordinate with appropriate staff in order to compile a success story.
i) Participate on the Critical Coastal Areas (CCAs) Committee	Santa Ana Regional Board staff has been participating in the statewide NPS Critical Coastal Areas (CCAs) program since its inception in 2001. In 2007, a pilot study to improve water quality for the Newport and Laguna Coast CCAs directed by the Cities of Newport Beach and Laguna Beach was started, and this work continues. Through the coordinated effort of IACC partners, a new CCA was developed for the Huntington Harbor, Anaheim Bay, and Bolsa Chica Wetlands. Regional Board staff has been coordinating with CCA Committee and participating in conference calls for developing new CCA listings and evaluating criteria for selection of additional CCAs.	A Pilot Study directed by the Cities of Newport Beach and Laguna Beach was initiated and a new CCA was created for the Huntington Harbor, Anaheim Bay, and Bolsa Chica Wetlands area.

Task 2: Project Management

Description: Project management involves reviewing 319 Scopes of Work and Budgets, as well as processing and overseeing the 319 agreements, including invoices, project progress, and final reports. The task also includes responding to federal Grants Tracking and Reporting System requirements, including responding to requests on stream reach data and annual load reductions, verifying information, and providing final electronic copies of agreements and amendments, and final project reports.

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Outcome: Effective use of 319(h) dollars to address NPS problems in Region 8.

FY 08-09 Objectives: Timely response from grantees, obtain satisfactory deliverables, ensure invoice accuracy, timely submission of the invoices and project alternation/amendment related documentation, assess, evaluate and determine compliance with the grant agreement, educate grantees on the new outcome framework, and work towards obtaining measurable results from the grantees. Coordinate and facilitate smooth and streamlined execution of the grant project. Inspections and follow up on grant- related progress.

Subtask	Status of Performance Target
Coordinate data submission with GRTS	Send data to GRTS coordinator – GRTS data was not submitted by Region 8, 319(h) Grant managers.
Contract	Status of Performance Target
a. Reduction of Pesticide Runoff from Nurseries	The 'Reduction of Pesticide from Runoff from Nurseries in the Newport Bay Watershed' study has been completed. The purpose of the study was to demonstrate which specific BMPs are most effective in reducing pesticide runoff. For dry weather, the useful BMPs include 1), efficient and uniform irrigation practices, 2), collection and retention of runoff in ponds, and 3), use of retained water. For wet weather, effective BMPs include: 1), excavation and clean-off of the accumulated sediment, 2), cleanup of loose potting materials and 3), use of low risk pesticides during winter months. Although this project was concluded December 31, 2007, RB8 staff continues involvement with project coordinating efforts, including TAC meeting attendance, and review and oversight of the pesticide runoff report and nurseries' runoff sampling data. Staff also continues to coordinate with the Orange County Coastkeepers, who manage the runoff sampling program.
b. Sycamore Creek Restoration and Enhancement Program	Additional willow cuttings were installed in April to supplement die-off and beetle damaged to plants below the grade stabilizer. Removal of non-native aquatic species (crawfish) started in June and continues on an as-needed basis. Arroyo chub (<i>Gila orcutti</i>) were introduced in May into two of the large pools that were removed of exotics. Some fish have already reproduced due to the presence of larval chub. Three sampling areas are tested each month for water quality with both nitrate and phosphorous levels staying somewhat the same. Overall EC has gone down due to improved filtering from riparian vegetation, but may increase if flows from non-point sources increase. Supplemental water has been purchased and introduced to the site to increase flow during low-flow periods and increase wetland and riparian plant material establishment. The grantee had requested that the grant be extended to 12/31/08 which was not approved to allow the addition of supplemental water the summer and fall of 2007 and 2008 to insure the successful repopulation of native fish. The extension request was not approved.

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c. Selenium Removal Pilot Project	<p>The Construction contract for the Cienega Field Demonstration Project (for Selenium removal) has been awarded to CDM consultants. The construction is completed and the demonstration facility began operation in October 2008. The treatment plant has encountered a variety of minor process related upsets (leaks, electrical equipment problems, etc.) and is only designed to treat dry weather flows, requiring periodic shutdowns for repairs and storm events. The facility is currently removing significant concentrations of nitrate and selenium while it is operating, though it has not yet reached operational potential. It is expected to be fully operational by early summer. The facility will be operated for 12-24 months to work out process issues and determine the long-term viability of the design.</p>	
d. Assessment & Implementation of Best Management Practices to Reduce Nutrient Loads from Cropland to Canyon Lake and Lake Elsinore	<p>1) Final QAPP, work plan, and monitoring plan were approved. 2) Stormwater sampling on citrus test plots was conducted. 3) Sampling equipment was installed on a wheat farm. No samples were collected due to lack of runoff and drought. 4) An amendment is being processed to adjust the overhead by UCR. A time extension was requested for another year so that another wet season sampling and that request was approved.. 5) The next steps will include collecting runoff samples from BMP treated citrus plots, and vegetable plots, analyze WQ data. 6). To develop Comprehensive Ag Nutrient Management Plan.</p>	

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Task 3: Education/Outreach

Description: The education/outreach task is designed to identify stakeholders within our region and provide them with information to incorporate and implement Management Measures within their watersheds.

Outcome: to update our database of stakeholders to electronically send information pertaining to NPS documents, grant announcements, workshops, and events that the SARWQCB will be generating or made aware of.

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FY 07-08 Objectives: Staff of the SARWQCB will create, disseminate, and share pertinent information that will aid in addressing current and potential NPS problems using the new NPS Enforcement Policy.

Summary Report related to subtask 1.1

- Staff participated in several events during this period in which NPS information contained in brochures and pamphlets were distributed including:
- In January 2008, staff attended and participated in 2-day, 2008 Annual Water Festival-Theme: Point and Non-Point Source Pollution, sponsored by Orange County Water District, RB8 installed a booth and gave lectures with demonstrations in point and non-point source pollution to a large number of (about 600) school students, teachers and general audience and distributed non-point source control related brochures.
- Staff attended and participated in the week-long, 2008 Ocean Institute- sponsored, non-point source pollution prevention outreach seminar, focused on local schools and the general public.
- Staff has been coordinating with Cities of Newport Beach and Huntington Beach to assess the sewage pump-out facilities at marinas within the cities' jurisdictions and to evaluate the compliance status of these sanitation facilities.
- Staff visited school classrooms (K-12) to give NPS and water quality presentations
- Staff attend monthly Western Riverside County Agriculture Coalition (WRCAC) meetings and distributed NPS material
- NPS material was distributed through two grants managed by Region 8 staff, Boater Education and the Integrated Regional Dairy and Agriculture Management Plan grants
- Staff attended several job fairs at high schools and colleges at which NPS information was distributed.
- Staff attended community events held at nature centers at which NPS information was distributed.
- Staff provided NPS informational materials to Riverside County Flood Control and Water Conservation District's outreach coordinator, who distributed this material at several outreach events

Development activities for proposed RB-8 Conditional Waiver for Ag Discharges (CWAD) program that will implement SWRCB NPS Enforcement Policy - for 319(h) reporting:

- Staff continues to work toward the launch of Region 8's CWAD program;
- Developed and began populating a database of likely irrigated ag. operators who will be subject to proposed ag. waiver.
- Collected data from Farm Bureaus, Ag. Commissioner's Offices, Tax Assessors' Office, Department of Pesticide Regulation, trade associations, etc., including identifying and coordinating with major stakeholders and Ag. groups (WRCAC, San Jacinto River Watershed Council -SJRW.)
- Coordinated with Region 9 staff on a November 2008 joint-ag. waiver workshop, and attended and participated in the workshop.
- Staff continues to coordinate with local ag. Stakeholders
- Staff has attended and participated in roundtables coordinated by the State Board's Irrigated Lands Regulatory Program
- Staff continues development of a draft fact sheet about the CWAD program
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- Staff
- Evaluating alternate approaches for waiver monitoring program. Strategy now being considered is a watershed-based approach whereby existing irrigated ag. stakeholder groups, that have already demonstrated the capacity to conduct monitoring by identifying pollutants associated with irrigated ag. discharges in the watershed, take on an additional role of waiver monitoring. In areas where this capacity is absent or where stakeholder groups have not formed, RB staff would initially conduct monitoring to

Task 4: NPS Policy Implementation		
Description: Continue implementation through coordination and development activities related to the NPS Implementation and Enforcement Policy.		
Outcome: One Waste Discharge Requirement (WDR) or Conditional Waiver developed and approved is the ultimate goal of this task.		
FY08-09 Objectives: Development activities for proposed Region 8 Ag Waiver that will implement SWRCB NPS Enforcement Policy - (for 319(h) reporting).		
	Status of Performance Target	Milestones/Deliverables
a. Coordinate with other units	Informational talks have been coordinated by NPS staff for all staff at Region 8. This includes information on new technologies	Information on new technologies are expected to help all staff sections, especially NPS, Stormwater, and the 401 programs.
b. Workshops/Meetings	Region 8 staff has attended several NPS-related workshops and meetings, (some noted above) although our ability to do so is limited by resources constraints. NPS benefits expected due to technical input from Region 8 staff at Technical Advisory Committees. In addition, outreach regarding the grant cycle has been presented at the meetings to encourage attendance by stakeholders.	Technical assistance, education and outreach to the stakeholders and to students, local assistance by holding workshops and meetings at Region 8.

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c. Develop WDR	<p>To implement the NPS Implementation and Enforcement Policy, staff is in the process of developing a conditional waiver of waste discharge requirements to address agricultural discharge issues in Region 8 (the aforementioned CWAD program) and working with stakeholders in this process. The CWAD will function to regulate ag. discharges in a manner that also supports implementation of TMDLs. Obstacles related to the CWAD development include increasingly limited resources available to do this work, and competition from other NPS activities for the same limited resources.</p>	<p>Developed and began populating a database of likely irrigated ag. operators who will be subject to proposed ag. waiver.</p> <p>Collected data from Farm Bureaus, Ag. Commissioner's Offices, Tax Assessors' Office, Department of Pesticide Regulation, trade associations, etc.</p> <p>Riverside County areas of RB-8: initial data collected proved to be inaccurate; a much more accurate data set is being developed and will be forthcoming.</p> <p>San Bdn. County areas of RB-8: data collection underway – staff sorting through various data sets to filter out those most useful for this project.</p> <p>Orange County areas of RB-8: County Tax Assessor's Office declined to provide filtered / sorted data in the manner requested; staff pursuing alternate approaches to obtain the necessary data.</p> <p>Continuing to draft a tentative waiver of waste discharge requirements order, including identifying appropriate TMDL-based tentative effluent limits.</p> <p>Continuing with outreach efforts to the irrigated ag. community through workshops and conference presentations.</p>
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Santa Ana Regional Water Quality Control Board Program Summary

Tasks for the Santa Ana Regional Water Quality Control Board (RWQCB-8) NPS Program staff were generally completed on time. Successful efforts include participation in several events during this period in which NPS information contained in brochures and pamphlets were distributed.

NPS staff is involved in developing and populating a database of likely agricultural operators who will be subject to the proposed Conditional Waiver of waste discharge requirements for Agricultural Discharges (CWAD) program, and evaluating alternate approaches for a waiver monitoring program. The strategy now being considered is a watershed-based approach whereby existing stakeholders, e.g., organizations representing a sector of the agriculture industry (such as Milk Producers Council, Nursery Grower's Association), science-based organizations (such as University of California Cooperative Extension, Southern California Coastal Water Research Project), etc., that have already demonstrated the capacity to conduct monitoring by identifying pollutants associated with irrigated agriculture discharges in the watershed, take on an additional role of monitoring for enrollees in the CWAD.

Regional Board CWAD program staff (the very same staff who implement the NPS program) have been actively involved in coordination with major stakeholders, like WRCAC and SJRWC, to identify major ag. stakeholders, including a grant-based project to classify and compile categories of irrigated and non-irrigated ag. operators in the region that will potentially be enrolled in this program.. Regional Board staff is also coordinating with ag. waiver staff at the State Board and adjacent regions (Regions 4 and 9) to draw on their experience as a tool to expedite the Region 8 ag. waiver.

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319 Program Summary

During the reporting period, work funded by CWA §319(h) funds in the San Diego Region proceeded in a generally satisfactory manner. Nevertheless, 319(h) resources provided to the SDRWQCB fall far short of what is needed to adequately address nonpoint source problems and threats in the San Diego region.

Task 1: 319 Program Coordination

Subtask	Milestones	On Task (yes/no)	If no, discuss obstacles and problems encountered; list any modifications to milestones
a. Evaluate Program Success	1. Draft CWA 319 Workplan for FY 09-10 (See Deliverable 1.01). 2. Final CWA 319 Workplan for FY 09-10 (See Deliverable 1.02). 3. Final Semi-annual Progress Reports (see Deliverables 1.03 and 1.04) 4. Completed checklist of any of the six (6) Success Story categories (see Deliverable 1.05) 5. Written Success Story based on completed checklist (see Deliverable 1.06)	yes	n/a
b. Information Exchange/Outreach	8. Actively participate in one monthly phone call and one quarterly RT by sharing regional success/problem/activity. 9. Attend at least 2 conference planning mtgs/calls. 10. Attend at least 2 subcommittee mtgs.	yes	n/a
<u>Deliverables due this reporting period:</u>			
1.03 Semi-annual progress report for 01/08-06/08 (Task 1.a.2): submitted 08/29/08			
1.05 Success story template (Task 1.a.4): submitted 09/02/08			
Major achievement this reporting period: n/a			
Environmental benefit expected or achieved: n/a			

Task 2: 319 Project Management				
Contract Number Project Name	Milestones	GRTS data current (yes/no)	Contract on Schedule (yes/no)	If no, discuss obstacles and problems encountered
05-194-559-0 Rainbow Creek Nutrient TMDL Implementation	In FY 07-08, the grantee is expected to: 1. Draft Nutrient Reduction Management Plan; 2. Redraft Nutrient Reduction Management Plan; 3. Summarize Comments received; and 4. Evaluate results of Constructed Biofiltration Feasibility and Demonstration subtask.	??	yes	(in 11/08, the contract end date was extended from 12/31/08 to 12/31/09 because of delays resulting from damages caused by wildfires)
06-121-559-0 <i>Caulerpa taxifolia</i> Eradication Technique Development	1. Review literature, convene eradication experts, and design a study to test various eradication methodologies. 2. Obtain necessary permits, and conduct laboratory and field tests to evaluate how different eradication chemicals & techniques work in four different coastal environments.	??	yes (completed)	n/a
Major achievement this reporting period: n/a				

Task 3: <i>Caulerpa</i> Detection, Eradication, and Prevention			
Subtask	Milestones	On Task (yes/no)	If no, discuss obstacles and problems encountered; list any modifications to milestones
SCCAT (Southern California <i>Caulerpa</i> Action Team) participation	Prepare and distribute agendas and minutes for all SCCAT meetings; participate in all SCCAT meetings	yes	n/a
<u>Deliverables due this reporting period:</u>			
n/a			
Major achievement this reporting period: SCCAT obtained additional funds to continue maintenance and oversight of the SCCAT website (http://www.sccat.net) and database of <i>Caulerpa</i> sightings, surveys, and inventories.			
Environmental benefit expected or achieved: <i>Caulerpa</i> are extremely destructive and invasive non-native seaweeds that pose a significant threat to marine ecosystems, so eradication of existing infestations and prevention of new infestations of <i>Caulerpa</i> is critical to protecting and restoring the health of southern California coastal waters.			

Task 4: Wetlands and Riparian Areas Protection			
Subtask	Milestones	On Task (yes/no)	If no, discuss obstacles and problems encountered; list any modifications to milestones
a. Policies and standards for protection of wetlands and riparian areas	Participate in workshops and meetings scheduled by the SWRCB.	yes	n/a
b. Improve effectiveness of the CWA §401 certification program	Monthly meetings of workgroup created for this subtask.	no	staff turnover and absences
c. CEQA document review	CEQA comment letters on proposed projects with significant potential impacts to waters of the state	yes	n/a
d. Pre-application meetings	Pre-application meeting summaries and estimates of reduced impacts of proposed projects (note that for some projects, several years may elapse between pre-application meeting and submittal of actual request for certification)	yes	n/a
e. Application processing	Final certification for projects with significant proposed impacts to jurisdictional wetlands	yes	n/a
f. Compliance inspections	Review of previously issued certifications and inspection of sites to assess compliance and functional success of mitigation	yes	n/a
g. Enforcement	Enforcement action where there is failure to comply with certification requirements	no	resistance to enforcement actions
<u>Deliverables due this reporting period:</u>			
Copies of Executive Officer reports to the SDRWQCB on CWA §401 certification work, including tabular summaries of actions on applications for CWA §401 certification and compliance and enforcement status.			
Major achievement this reporting period: n/a			
Environmental benefit expected or achieved: Water quality degradation is a symptom of unhealthy watersheds. Since healthy wetlands and riparian areas are essential to the health of watersheds, protection and restoration of the natural characteristics of wetlands and riparian areas are critical to protection and restoration of the health of watersheds. Preventing / minimizing the loss and degradation of wetlands and riparian areas and their associated functions and beneficial uses and ensuring that appropriate and adequate mitigation is done where such losses occur is an important part of protecting and restoring wetlands and riparian areas. The inadequately funded CWA §401 certification program is critical to accomplishing this.			

NPS Program Summary**Task 1: NPS Program Coordination—319 h, 2008-2009 1st Annual PR (7/1/08 – 12/31/08)**

Subtask	Milestones	On Task (yes/no)	If no, discuss obs encountered; list

Deliverables due this reporting period:**Task 2:**

Contract Number Project Name	Milestones/Products/ Outcomes 7/06 to 6/07	GRTS data current (yes/no)	Contract on Schedule (yes/no)	If no prob

Task 3:

Subtask	Milestones	On Task (yes/no)	If no, discuss ob encountered; lis

<u>Deliverables due this reporting period:</u>			

<u>Task 4:</u>			
Subtask	Milestones	On Task (yes/no)	If no, discuss ob encountered; lis

<u>Deliverables due this reporting period:</u>			